

STATE OF OHIO
MICHAEL V. DISALLE, Governor
DEPARTMENT OF NATURAL RESOURCES
HERBERT B. EAGON, Director
DIVISION OF GEOLOGICAL SURVEY
RALPH J. BERNHAGEN, Chief

REPORT OF INVESTIGATIONS NO.40

**SUMMARY OF
OIL AND GAS ACTIVITY
IN OHIO DURING 1960**

**By
SUBSURFACE GEOLOGY SECTION
Warren L. Calvert, Head**

**COLUMBUS
1961**

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INTRODUCTION

ORGANIZATION

The oil and gas statistics for Ohio for the year 1960, compiled by the Ohio Division of Geological Survey, are in the form of detailed lists of completions (Schedules), which are the basis for summaries (Tables) analyzing the results of drilling. A discussion of the activity and outstanding petroleum developments during the year is accompanied by appropriate maps, graphs, and illustrations. The detailed lists show all wells reported completed during 1960, and much care has been taken to eliminate data on wells completed either prior to, or subsequent to 1960, so that the summaries derived therefrom will be the most accurate possible. If this had not been done, an entirely erroneous set of statistics would have resulted. Only three shallow 1960 completions were not included in Schedule I. These were reported after April 1, 1961, too late to be included, and they would have had little effect on the statistics.

USES OF SCHEDULES

The usefulness of the schedules is threefold. First, a means of checking the accuracy of the statistics is provided. If it is desired to add or subtract any specific completions, or if any data given is found to be incorrect, the original data (herewith published in the schedules) may be altered accordingly. Second, the schedules permit anyone to summarize the information in any manner they may desire, by selecting any particular category for analysis. Third, oil and gas development maps may be checked or spotted with the 1960 completions shown on the schedules. If more information is needed than is shown on the schedules, the date of the report by the Ohio Oil and Gas Association which carried the completion data is given. Also, the files of the Survey, which are always available to the industry, may be consulted.

SOURCES OF DATA

The data for this report are taken from the files of the Oil and Gas Subsection of the Ohio Division of Geological Survey. These files are composed of information derived primarily from the records of the Ohio Division of Mines, supplemented by information from the Ohio Oil and Gas Association, and augmented by material sent voluntarily to the Survey, such as electrical logs, well records, samples, and drilling reports.

METHOD OF CLASSIFICATION

The classification of wells followed here is that recommended by the American Association of Petroleum Geologists (see vol. 44, no. 6, June, 1960, p. 659) as nearly as it can be applied to Ohio. Pool designates a well drilled within, or offsetting, past or present oil or gas productive areas; Extension means a test located one-fourth to 1 mile from production; Outpost refers to a drill hole 1 to 2 miles from production; Wildcat indicates a hole more than 2 miles from production.

Many consider all tests more than a mile from production to be wildcats, thus eliminating the classification of outpost. Extensions, outposts, and wildcats are all grouped under the heading of Exploratory Wells. For existing oil and gas pools, see figure 1.

Wells drilled for oil and gas are here considered to be either oil wells, gas wells, or dry holes, according to their principal production. Where their reported production is about equal in value, they are classed as oil wells, since they usually produce oil for many years after the gas is no longer commercial. The term "combination well" is not used, since this has been an arbitrary grouping of all oil wells which report an initial open flow of more than 150 MCF of gas, whether the gas is marketed or not. Many oil wells do not report or sell the gas produced, and many open flows reported from oil wells are estimated, because of the difficulty in taking a gauge when the well is flowing oil. A large number of oil wells, for example, were completed during 1960 in Marion and Washington Townships, Hocking County, which were reported to have initial open flows of 200 to 1000 MCF, but the gas is being flared because no pipeline facilities are available (see location map of gas pipelines, figure 2). For the above reasons, the group "combination" seems to be neither desirable nor practical, and it is therefore discontinued.

In grouping wells by producing zones, certain related sands have been combined in the interest of simplification. Cow Run, Macksburg, Maxton, and other shallow sands above the Keener have been put into one category as "Pennsylvanian". The Keener, Injun, Squaw, Weir, Hamden, and other Mississippian pays above the Berea have been grouped as "Upper Mississippian". The wells which penetrated the Black River and lower formations are classed as "Sub-Trenton", but those which reached igneous rocks are separately considered as "Precambrian".

ACKNOWLEDGMENTS

This report was made possible through the combined efforts of the staff of the Ohio Division of Geological Survey, the Ohio Division of Mines, and the Ohio Oil and Gas Association, and their work in the collection and compilation of the necessary data is gratefully acknowledged. Congratulations are hereby extended to the operators of the petroleum industry in Ohio for their prompt and cheerful compliance with the oil and gas laws of Ohio, and for furnishing additional necessary information. The help of Mr. D. T. Ring in connection with this report is deeply appreciated.

DISCUSSION OF DRILLING ACTIVITY

TOTAL DRILLING

During 1960, there were 1005 new holes completed for oil and gas in Ohio, of which 250 were gas wells, 434 were oil wells, and 321 were plugged as dry holes. Twenty-one percent (215) were drilled as exploratory holes in search of new petroleum reserves, by extensions to existing pools or by new pool discoveries, and of these, thirty-seven percent resulted in production. Seventy-seven percent of all pool wells drilled were productive. In all, 684 successful wells were drilled for oil and (or) gas in Ohio during 1960, or 68 percent of the total wells drilled. This percentage is slightly lower than in previous years, probably due to more and deeper exploratory drilling.

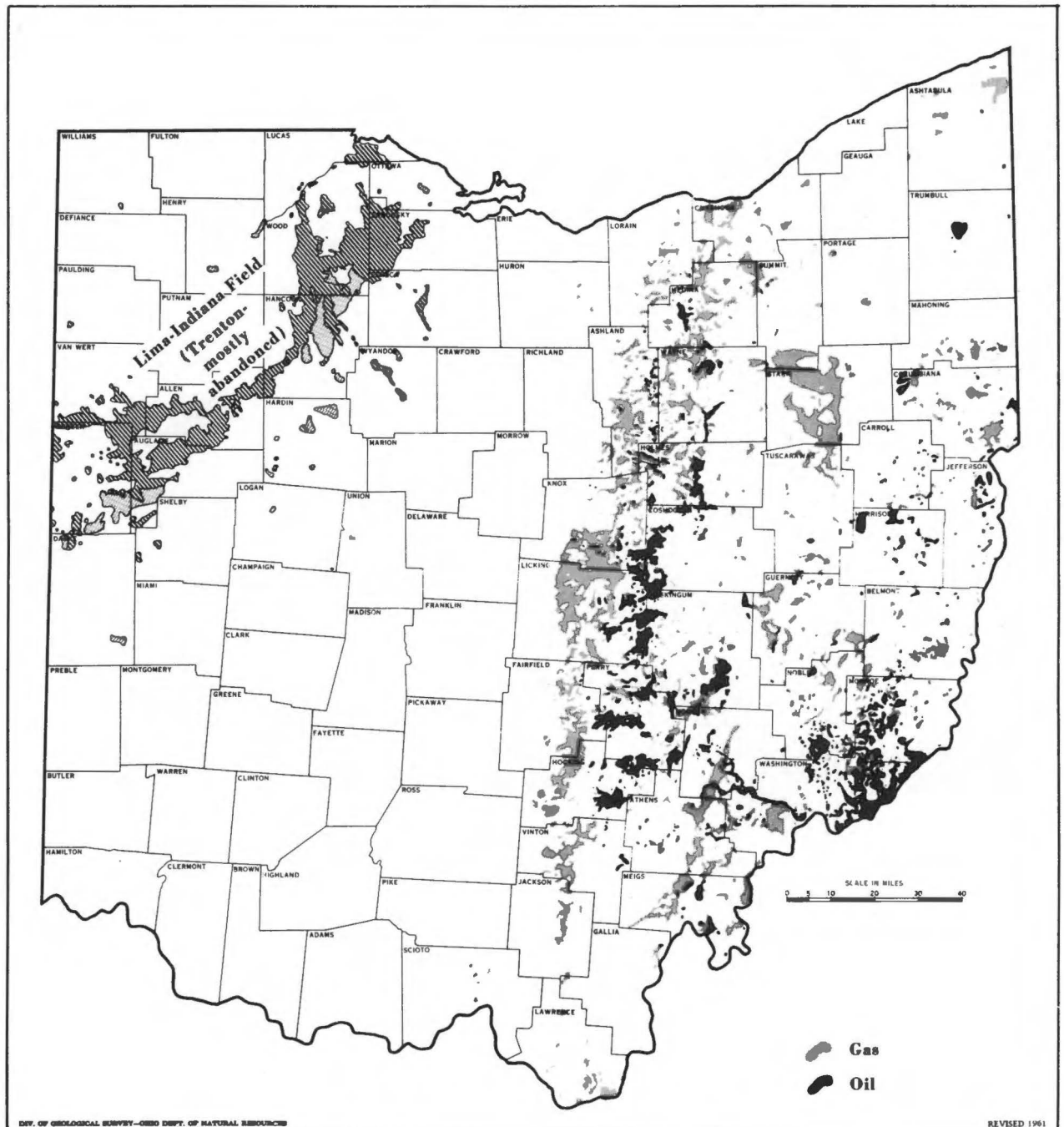


Figure 1. - Oil and gas pools map of Ohio, as of July 1, 1960.

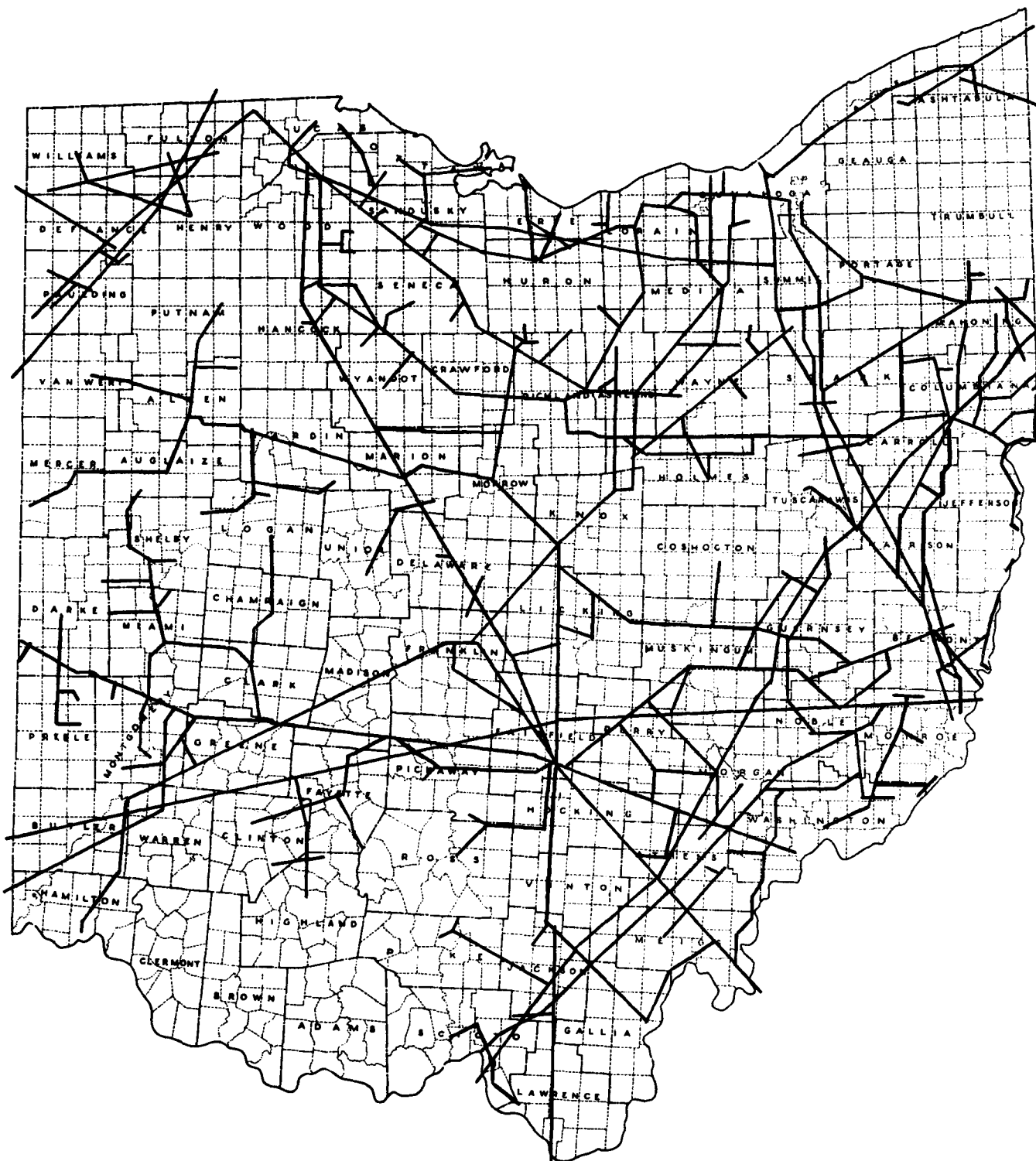


Figure 2. - Ohio's principal natural gas pipelines, as of December, 1959.

Total footage drilled for oil and gas during 1960 amounted to 2,458,150 feet, of which 600,155 was exploratory. The total footage resulting in a total initial open flow of 374,078 MCF of gas was 737,114 feet; total footage resulting in a total initial daily production of 19,729 barrels of oil per day was 1,036,739 feet; total footage of dry holes was 684,297 feet. (See table 1.)

SUCCESS PERCENTAGES

Sixty percent of all wells completed (597) were drilled to the Clinton sand and accounted for 1,950,646 feet of hole (79 percent of all wells). Clinton sand completions (472) were 79 percent successful, with 186 gas wells (74 percent of all gas wells) reporting a total initial open flow of 347,006 MCF (93 percent of all open flow) and 286 oil wells (66 percent of all oil wells) reporting a total initial production of 18,128 BOPD (92 percent of all initial production). The success percentages of wells drilled during 1960 to the various productive horizons in Ohio (see geologic map, figure 3) is shown below:

Producing Zone	Wells Completed		Percent Productive
	Productive	Total	
Pennsylvanian	36	85	42
U. Mississippian	18	32	56
Berea (L. Miss.)	127	207	61
2nd Berea (L. Miss.)	8	11	73
Ohio shale (Dev.)	2	5	40
Oriskany (Dev.)	3	8	38
Newburg (Sil.)	12	21	57
Clinton (Sil.)	472	597	79
Cincinnatian (Ord.)	0	1	0
Trenton (Ord.)	4	7	57
Sub-Trenton (Ord. and Camb.)	2	27	7
Precambrian	0	4	0

MISCELLANEOUS WELLS

In addition to completions for oil and gas, 159 holes were drilled for miscellaneous reasons, such as gas storage, waterflooding, repressuring, brine recovery, and other purposes, with a total footage of 285,841 feet. By including the above, the total drilling in Ohio during 1960, excluding water wells, amounted to 1,164 holes with a total footage of 2,743,991 feet. (See table 1.)

MOST ACTIVE COUNTIES

The most active county in Ohio during 1960 was Wayne County with 5 gas, 95 oil, and 12 dry completions. Out of the total of 112 operations (95 Clinton) 11 were exploratory wells, of which 2 produced gas and 4 made oil wells. Ashland County was next in number of completions with 75 (67 Berea), followed by Hocking County with 71 (66 Clinton), Perry County with 58 (52 Clinton), and Vinton County with 57 (45 Clinton). Next in order were Coshocton County with 54, Licking County with 52, Holmes County with 50, Knox County with 49, and Ashtabula County with 43 completions (for location of counties see figure 4).

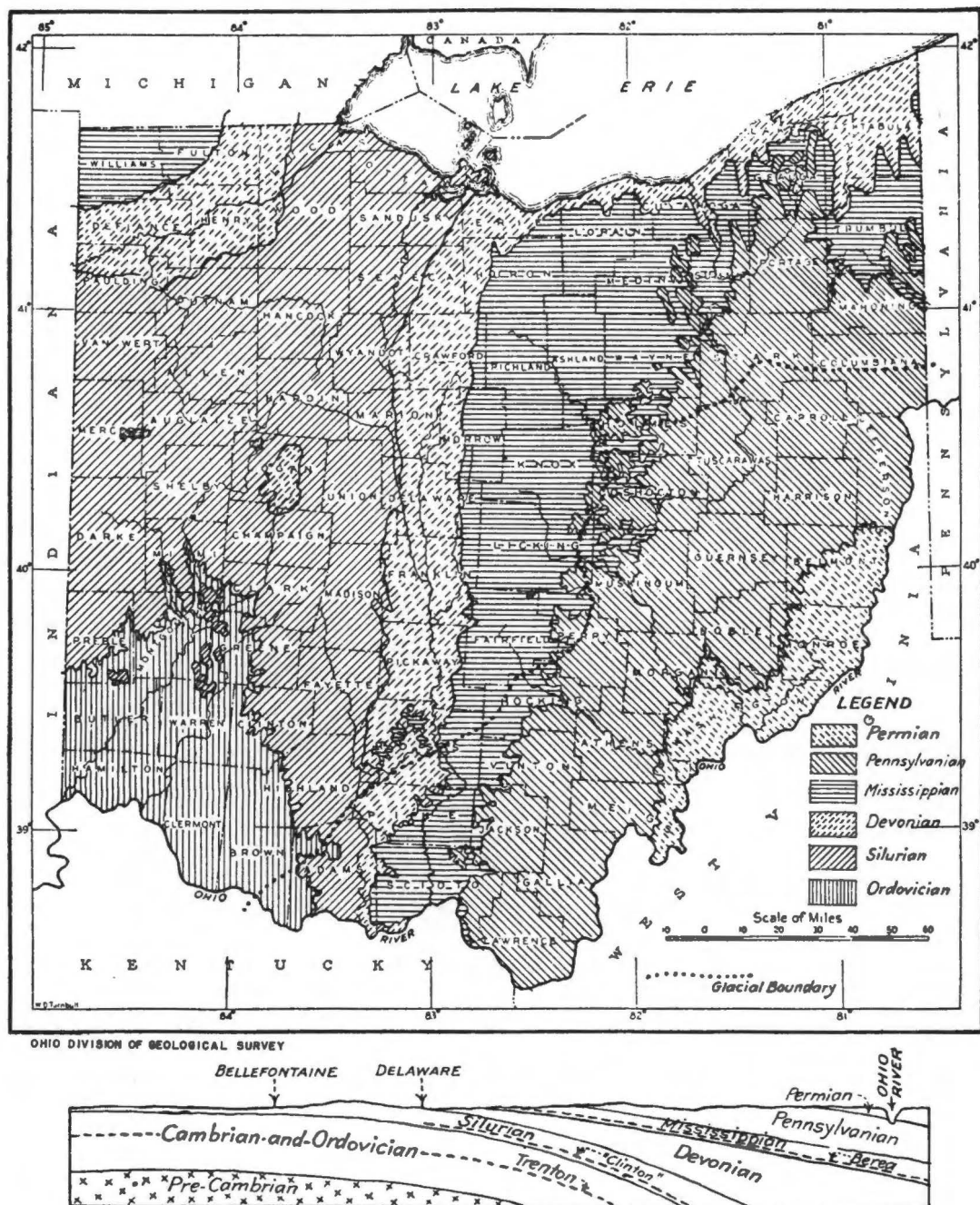


Figure 3. - Geologic map of Ohio.



Figure 4. - Map of Ohio showing counties and townships.

NEW POOLS DISCOVERED

New pools were indicated by the following successful exploratory completions:

<u>Location</u>	<u>Permit</u>	<u>Initial production (BOPD)</u>	<u>Initial open flow (MCF)</u>	<u>Producing zone</u>	<u>Pool name</u>
<u>Ashtabula County</u>					
1. Pierpont Twp.	85	--	1,650	Or.	Pierpont
2. Lenox Twp.	96	--	135	Cl.	Lenox
3. Windsor Twp.	103	--	359	Cl.	Windsor Mills
<u>Coshocton County</u>					
4. Tiverton Twp.	1389	--	819	Nbg.	Tiverton- Center
<u>Fairfield County</u>					
5. Violet Twp.	287	3	--	Tpl.	Pickerington
6. Richland Twp.	300	400	3,000	Cl.	N. Rush- ville
<u>Gallia County</u>					
7. Walnut Twp.	103	--	2,500	Cl.	Waterloo
<u>Holmes County</u>					
8. Richland Twp.	1137	--	250	Nbg.	Tager Valley
<u>Lucas County</u>					
9. Adams Twp.	34	10	100	Tren.	Nasby
<u>Mahoning County</u>					
10. Smith Twp.	121	--	5,916	Cl.	Best
<u>Meigs County</u>					
11. Salisbury Twp.	1326	--	133	2nd Be.	Middleport
<u>Morgan County</u>					
12. Bristol Twp.	974	--	363	Cl.	Rowland
<u>Perry County</u>					
13. Pike Twp.	2038	--	3,100	Cl.	Dixie
<u>Portage County</u>					
14. Freedom Twp.	68	--	341	Cl.	Freedom
<u>Trumbull County</u>					
15. Hartford Twp.	12	2	200	Cl.	Hartford
<u>Tuscarawas County</u>					
16. Franklin Twp.	805	10	59	Cl.	W. Stras- burg
<u>Wayne County</u>					
17. Canaan Twp.	1056	--	310	Nbg.	Canaan
18. Green Twp.	1079	--	481	Be.	Smithville
19. Canaan Twp.	1094	--	419	Tpl.	Canaan

Thus, 15 exploratory discovery gas wells were completed as follows:
 1 - Berea, 1 - 2nd. Berea, 1 - Oriskany, 3 - Newburg, 8 - Clinton, and 1 - Sub-Trenton. There were 4 exploratory discovery oil wells completed as follows:
 2 - Clinton, 1 - Trenton, and 1 - Sub-Trenton.

LARGEST PRODUCERS

The largest oil well reported completed in Ohio during 1960 was in section 36E of Plain Township, Wayne County. This well was drilled under permit 1070, and was completed for 600 BOPD flowing. The largest gas well reported completed was in section 15 of Swan Township, Vinton County. Drilled under permit 186, it reported an initial open flow of 23,500 MCF per day.

BASIS OF EXPLORATORY DRILLING

A survey was conducted by mail to determine the basis on which the 215 exploratory wells were drilled in Ohio during 1960. Replies were received on 155 wells, or 72 percent of the total, which is excellent for a questionnaire of this sort. The Survey thanks all who participated. The results are as follows:

Nontechnical Reasons - 116 Wells

<u>Random</u>	<u>Trend</u>
70	46

Technical Reasons - 39 Wells

<u>Geological</u>		<u>Geophysical</u>		
<u>Surface</u>	<u>Subsurface</u>	<u>Seismograph</u>	<u>Gravity</u>	<u>Magnetometer</u>
6	25	4	3	1

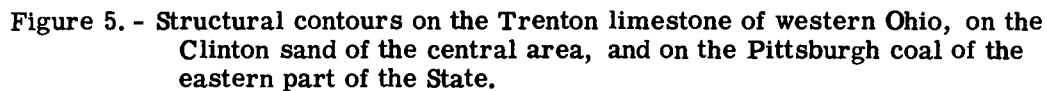
It appears that 75 percent of the exploratory locations completed in Ohio were based on nontechnical considerations (116 out of 155), and only 25 percent (39) were located subsequent to geological or geophysical investigation. This assumption is based upon the inference that the same ratio of nontechnical to technical reasons for exploration will prevail for the unreported exploratory wells as prevailed for those reported.

TYPES OF DRILLING USED

Drilling with rotary tools is finding increasing popularity in Ohio with each passing year, particularly in the areas of deep and extremely shallow drilling. At the end of 1960 there were eight rotary rigs operating in the State. Many of the deep rotary holes were drilled with air. A count of the holes drilled with rotary tools showed a total of 107 wells, of which 70 were for oil and gas, 23 were for shallow waterflood operations, 2 were for gas storage, 9 were for salt, and 3 were for liquid storage. Thus, approximately 10 percent of all holes drilled in Ohio during 1960 were drilled with rotary tools.

DEEP DRILLING

Of especial interest during 1960 was the continuing search for deep petroleum reserves in Ohio and adjacent Appalachian states. This involved the study and exploration of the Lower Ordovician and Cambrian strata which underlie the State at progressively greater depth eastward from the axis of the Findlay arch (see figure 5). In all, there were 31 tests made of these rocks for oil and gas in



Ohio during the year (compared to 13 in 1959), 4 of which penetrated igneous rock. One successful gas well (P-1094 in Canaan Twp., Wayne County) was completed for an initial open flow of 419 MCF natural from the Trempealeau? (Upper Cambrian) at a depth of 5700 to 5713 feet. This is the second successful gas completion in this horizon in recent years, the other being the successful 1959 gas completion in Hinckley Township, Medina County. A disappointing oil well was reported completed in the Trempealeau formation during 1960, and it was located in Violet Township, Fairfield County. Despite much unwarranted publicity, this well was completed in June (P-287) with pay at 3258 feet, total depth 3328 feet, for an initial production of 3 BOPD and an estimated 100 BWPD. At the end of the year it was still pumping at about the same rate. This is the second producing Cambrian oil well completed in the State in recent years. The first is in Bennington Township, Morrow County, a pumper which has been producing approximately 400 to 600 barrels of oil per month since its completion in late 1959.

Although the percentage of successful Cambrian tests is exceedingly low, additional drilling to the older and deeper sedimentary strata of Ohio is planned for the next several years. Each new test, though it may not be commercial, adds to our knowledge of the character and position of the geological formations. Most of the sub-Trenton holes drilled to date have not been located on the basis of technical data, but have been more in the order of stratigraphic tests. The difficulty in correlating the older formations has added to the problem. Because an ever increasing amount of data will be available, it is confidently predicted that an accurate and true picture of the nature and position of the lower Paleozoic rocks of Ohio will eventually be attained. The final conclusions will not be arrived at in a haphazard way, but will require patient and detailed scientific study, and whether or not significant petroleum reserves will be discovered in the process remains to be seen. In the meantime, it would be well to keep a watchful eye on the Oriskany, Newburg, Clinton, Medina, and Trenton zones as they are penetrated in eastern Ohio.

PRODUCTION

Total gas produced and marketed in Ohio during 1960 amounted to 39,309,000,000 cubic feet.¹ The average field price for gas was $23\frac{1}{2}$ ¢ per MCF, making the total value of gas sold by producers \$9,237,615.00.

Total oil produced and marketed in Ohio during 1960 amounted to 5,405,304 barrels², as follows:

<u>Grade</u>	<u>Barrels</u>	<u>Average price per barrel</u>	<u>Value</u>
Buckeye-Pennsylvania	1,170,119	\$ 3.98	\$ 4,657,074
Zanesville-Pennsylvania	250,669	2.84	711,900
Corning	3,639,518	2.74	9,972,279
Chatham	285,039	2.72	775,306
Lima	59,959	2.60	155,893
<hr/>			
Total	5,405,304	\$ 3.01	\$ 16,272,452

1. From American Gas Association (A. G. A.) and American Petroleum Institute (A. P. I.).
2. From Ohio Oil and Gas Association (O. O. G. A.).

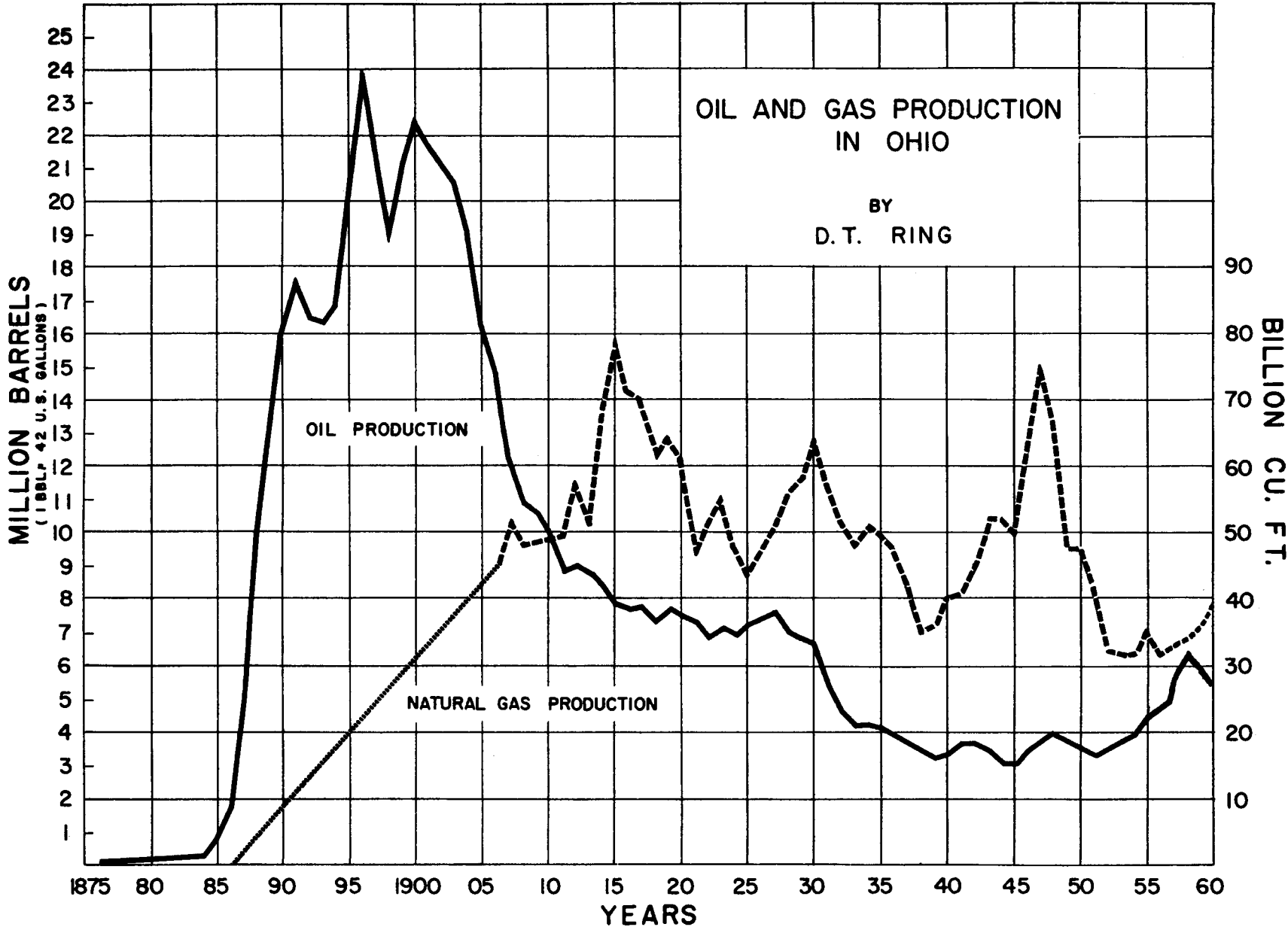


Figure 6. - Oil and gas produced in Ohio, by years.

As of December 31, 1960, the field price for oil was as follows:

<u>Grade</u>	<u>Price per barrel</u>	<u>Length of time</u>
Buckeye-Pennsylvania	\$ 4.08	Since August 1, 1960
Zanesville-Pennsylvania	2.97	Since May 20, 1960
Corning (Ashland)	2.77	Since August 29, 1960
Corning (Seep)	2.72	All year
Chatham	2.72	All year
Lima	2.60	All year

The total number of producing wells at year's end were estimated as follows:

	<u>Gas</u>	<u>Oil</u>	<u>Total</u>
Producing December 31, 1959	7,120	16,934	24,054
Completed 1960	+ 252 ¹	+ 435 ¹	+ 687 ¹
Abandoned 1960	- 309	- 626	- 935
	<hr/>	<hr/>	<hr/>
Total producing at end of 1960	7,063	16,743	23,806

The total production of oil and gas in Ohio from 1876 to 1960 is shown in figure 6.

RESERVES

Total proven oil reserves estimated for Ohio as of December 31, 1960, amounted to 74,677,000 barrels. As of the same date the total proven gas reserves were estimated to be 765,553,000,000 cubic feet.² Approximately 85 percent of the above reserves are thought to be in the Clinton sand.

-
1. Includes dry holes reworked for production.
 2. From A. G. A. and A. P. I.

APPENDIX

ABBREVIATIONS USED IN REPORT

Abd. - abandoned	MCF - thousand cubic feet
Ac. - acre	Miss. - Mississippian
Allot. - allotment	Mit. - Mitchell sandstone
	MS - military survey
Be. - Berea sandstone	Mt. S. - Mt. Simon sandstone
Blk. R. - Black River group	Mxb. - Macksburg sandstone
BO - barrels of oil	
BOPD - barrels of oil per day	Nbg. - Newburg horizon
BR - Buell Run sandstone	NL - north line
BW - barrels of water	NR - no report
	NTD - new total depth
Camb. - Cambrian	
Cin. - Cincinnati	O - oil
Cl. - Clinton sandstone	OF - open flow
Comp. - completed	OGS - Ohio Geological Survey
Corr. - corrected	On. - Oneota formation
CR - Cow Run sandstone	OOGA - Ohio Oil and Gas Association
	Or. - Oriskany sandstone
D - dry	OS - Ohio shale
D&A - dry and abandoned	OTD - old total depth
Dev. - Devonian	Out. - outpost
Disc. - discovery	OWDD - old well drilled deeper
DP-WC - deep pool wildcat	OWWO - old well worked over
EC - Eau Claire formation	P - permit number
EL - east line	Pa. - Pennsylvanian
Ext. - extension	PBTD - plugged back total depth
	Pc. - Precambrian
Fr. - fraction	Pk. - Peeker
G - gas	Q - quarter
Grav. - gravity meter	
GSG - good show of gas	R - random
GSO - good show of oil	
GSO&G - good show of oil and gas	S - section
	Seis. - seismograph
Ham. - Hamden sandstone	SG - show of gas
HFW - hole full of water	Shak. - Shakopee formation
	Sil. - Silurian
Info. - information	SL - south line
Inj. - Big Injun sandstone	SO - show of oil
IP - initial production	SO&G - show of oil and gas
	SO&W - show of oil and water
Ke. - Keener sandstone	SP-WC - shallow pool wildcat
	SSO - small show of oil
L - Lot	Sub. - subsurface
	Sur. - surface
Mag. - Magnetometer	
Max. - Maxton sandstone	T - trend
	TA - temporarily abandoned
	Tpl. - Trempealeau

Tr. - tract
Tren. - Trenton limestone
Tym. - Tymochtee dolomite

U - unknown

VSSG - very small show of gas

WC - wildcat
WF - waterflood
WI - water input
WL - west line
Wtr. - water

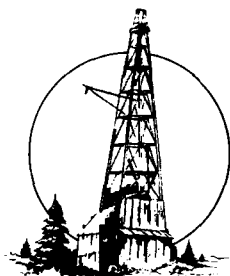


TABLE 1
Summary of All Wells Reported Completed in Ohio During 1960, by Classification (Except Water Wells)

Classification Number	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
EXPLORATORY WELLS												
Extensions (From Table 5)	34	33,197	32	106,173	20	1,093	4,001	59,278	64	169,871	118	335,322
Outposts (From Table 7)	4	4,133	--	15,674	3	90	263	8,583	7	18,903	14	43,160
Wildcats (From Table 9)	14	16,635	2	47,396	4	423	3,159	11,691	65	162,586	83	221,673
TOTAL EXPLORATORY WELLS	52	53,965	34	169,243	27	1,606	7,423	79,552	136	351,360	215	600,155
TOTAL POOL WELLS (From Table 3)	198	320,113	112	567,871	407	18,123	60,965	957,187	185	332,937	790	1,857,995
TOTAL WELLS FOR O & G (Schedule I)	250	374,078	146	737,114	434	19,729	68,388	1,036,739	321	684,297	1,005	2,458,150
Wells Deepened (Schedule II)	3	22	--	1,144	4	15	40	1,800	3	4,687	10	7,631
Waterflood (Schedule III)	--	--	--	--	69	--	--	37,191	--	--	69	37,191
Repressuring (Schedule IV)	--	--	--	--	10	--	--	9,265	--	--	10	9,265
Gas Storage (Schedule VIII)	54	--	--	197,575	--	--	--	--	--	--	54	197,575
Brine (Schedule V)	--	--	--	--	--	--	--	--	9	24,657	9	24,657
Liquid Storage (Schedule VI)	--	--	--	--	--	--	--	--	3	9,522	3	9,522
Wells Reworked (Schedule VII)	2	557	--	--	1	20	--	--	1	--	4	--
TOTAL ALL WELLS	309	374,657	146	935,833	518	19,764	68,428	1,084,995	337	723,163	1,164	2,743,991

TABLE 2

Summary of All Wells Drilled for Oil and Gas, Reported Completed in Ohio, by Producing Zone and Classification (from Tables 3-5-7-9)

	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Pennsylvanian												
Pool	9	2,460	--	6,759	26	233	214	16,903	36	19,673	71	43,335
Extension	1	438	--	1,035	--	--	--	--	9	5,419	10	6,454
Outpost	--	--	--	--	--	--	--	--	1	623	1	623
Wildcat	--	--	--	--	--	--	--	--	3	1,855	3	1,855
Total	10	2,898	--	7,794	26	233	214	16,903	49	27,570	85	52,267
Mississippian (Upper)												
Pool	2	111	--	1,699	16	149	45	23,418	11	13,003	29	38,120
Extension	--	--	--	--	--	--	--	--	1	1,040	1	1,040
Outpost	--	--	--	--	--	--	--	--	1	1,395	1	1,395
Wildcat	--	--	--	--	--	--	--	--	1	386	1	386
Total	2	111	--	1,699	16	149	45	23,418	14	15,824	32	40,941
Berea												
Pool	26	3,877	--	29,844	95	1,062	2,577	83,251	60	55,246	181	168,341
Extension	3	2,282	--	2,728	2	28	--	2,593	8	8,519	13	13,840
Outpost	--	--	--	--	--	--	--	--	1	1,180	1	1,180
Wildcat	1	481	--	690	--	--	--	--	11	10,421	12	11,111
Total	30	6,640	--	33,262	97	1,090	2,577	85,844	80	75,366	207	194,472
2nd Berea												
Pool	5	1,193	--	6,898	--	--	--	--	1	1,715	6	8,613
Extension	1	188	--	1,520	1	1	--	1,597	1	1,504	3	4,621
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	1	133	--	1,580	--	--	--	--	1	1,423	2	3,003
Total	7	1,514	--	9,998	1	1	--	1,597	3	4,642	11	16,237
Ohio shale												
Pool	1	118	--	3,363	--	--	--	--	1	1,845	2	5,208
Extension	1	140	--	3,162	--	--	--	--	--	--	1	3,162
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	--	--	--	--	--	--	--	--	2	1,780	2	1,780
Total	2	258	--	6,525	--	--	--	--	3	3,625	5	10,150

TABLE 2
Summary of All Wells Drilled for Oil and Gas, Reported Completed in Ohio, by Producing Zone and Classification (from Tables 3-5-7-9)

	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Oriskany												
Pool	--	--	--	--	--	--	--	--	1	2,200	1	2,200
Extension	2	3,844	--	4,681	--	--	--	--	4	9,911	6	14,592
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	1	1,650	--	2,365	--	--	--	--	--	--	1	2,365
Total	3	5,494	--	7,046	--	--	--	--	5	12,111	8	19,157
Newburg												
Pool	4	2,509	--	10,245	4	102	687	10,917	3	8,903	11	30,065
Extension	1	5,800	--	2,666	--	--	--	--	1	4,135	2	6,801
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	3	1,379	--	8,308	--	--	--	--	5	2,993	8	11,301
Total	8	9,688	--	21,219	4	102	687	10,917	9	16,031	21	48,167
Clinton												
Pool	150	309,795	112	507,637	264	16,564	57,442	820,091	70	223,473	484	1,551,201
Extension	25	20,505	32	90,381	17	1,064	4,001	55,088	35	115,953	77	261,422
Outpost	4	4,133	--	15,674	3	90	263	8,583	2	8,487	9	32,744
Wildcat	7	12,573	2	28,740	2	410	3,059	6,985	18	69,554	27	105,279
Total	186	347,006	146	642,432	286	18,128	64,765	890,747	125	417,467	597	1,950,646
Cincinnati												
Pool	--	--	--	--	--	--	--	--	--	--	--	--
Extension	--	--	--	--	--	--	--	--	--	--	--	--
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	--	--	--	--	--	--	--	--	1	450	1	450
Total	--	--	--	--	--	--	--	--	1	450	1	450
Trenton												
Pool	1	50	--	1,426	2	13	--	2,607	1	1,242	4	5,275
Extension	--	--	--	--	--	--	--	--	--	--	--	--
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	--	--	--	--	1	10	100	1,378	2	2,796	3	4,174
Total	1	50	--	1,426	3	23	100	3,985	3	4,038	7	9,449

TABLE 2

Summary of All Wells Drilled for Oil and Gas, Reported Completed in Ohio, by Producing Zone and Classification (from Tables 3-5-7-9)

	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Sub-Trenton												
Pool	--	--	--	--	--	--	--	--	1	5,637	1	5,637
Extension	--	--	--	--	--	--	--	--	5	23,390	5	23,390
Outpost	--	--	--	--	--	--	--	--	2	7,218	2	7,218
Wildcat	1	419	--	5,713	1	3	--	3,328	17	55,333	19	64,374
Total	1	419	--	5,713	1	3	--	3,328	25	91,578	27	100,619
Precambrian												
Pool	--	--	--	--	--	--	--	--	--	--	--	--
Extension	--	--	--	--	--	--	--	--	--	--	--	--
Outpost	--	--	--	--	--	--	--	--	--	--	--	--
Wildcat	--	--	--	--	--	--	--	--	4	15,595	4	15,595
Total	--	--	--	--	--	--	--	--	4	15,595	4	15,595
Total Oil and Gas Wells	250	374,078	146	737,114	434	19,729	68,388	1,036,739	321	684,297	1,005	2,458,150

TABLE 3
Summary of Pool Wells Reported Completed in Ohio During 1960, by Producing Zone (from Table 4)

Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Pennsylvanian	9	2,460	--	6,759	26	233	214	16,903	36	19,673	71	43,335
Mississippian (Upper)	2	111	--	1,699	16	149	45	23,418	11	13,003	29	38,120
Berea	26	3,877	--	29,844	95	1,062	2,577	83,251	60	55,246	181	168,341
2nd Berea	5	1,193	--	6,898	--	--	--	--	1	1,715	6	8,613
Ohio shale	1	118	--	3,363	--	--	--	--	1	1,845	2	5,208
Oriskany	--	--	--	--	--	--	--	--	1	2,200	1	2,200
Newburg	4	2,509	--	10,245	4	102	687	10,917	3	8,903	11	30,065
Clinton	150	309,795	112	507,637	264	16,564	57,442	820,091	70	223,473	484	1,551,201
Trenton	1	50	--	1,426	2	13	--	2,607	1	1,242	4	5,275
Sub-Trenton	--	--	--	--	--	--	--	--	1	5,637	1	5,637
Precambrian	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL POOL WELLS	198	320,113	112	567,871	407	18,123	60,965	957,187	185	332,937	790	1,857,995

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
ASHLAND COUNTY												
Berea	--	--	--	--	42	591	--	30,862	24	17,666	66	48,528
Clinion	2	2,136	--	6,091	2	90	454	6,182	--	--	4	12,273
Total	2	2,136	--	6,091	44	681	454	37,044	24	17,666	70	60,801
ASHTABULA COUNTY												
Clinton	23	61,168	--	74,863	--	--	--	--	1	3,308	24	78,171
Total	23	61,168	--	74,863	--	--	--	--	1	3,308	24	78,171
ATHENS COUNTY												
Pennsylvanian	1	387	--	678	6	21	--	2,140	6	2,289	13	5,107
Berea	--	--	--	--	1	10	--	1,084	--	--	1	1,084
2nd Berea	2	554	--	3,064	--	--	--	--	--	--	2	3,064
Total	3	941	--	3,742	7	31	--	3,224	6	2,289	16	9,255
AUGLAIZE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BELMONT COUNTY												
Pennsylvanian	1	40	--	930	--	--	--	--	--	--	1	930
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	1,359	1	1,359
Berea	--	--	--	--	1	3	18	1,773	1	1,516	2	3,289
Total	1	40	--	930	1	3	18	1,773	2	2,875	4	5,578
BROWN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BUTLER COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CARROLL COUNTY												
Berea	--	--	--	--	1	1	--	1,050	1	1,401	2	2,451
Total	--	--	--	--	1	1	--	1,050	1	1,401	2	2,451

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
GALLIA COUNTY												
Berea	3	693	--	5,002	--	--	--	--	--	--	3	5,002
Total	3	693	--	5,002	--	--	--	--	--	--	3	5,002
GUERNSEY COUNTY												
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	631	1	631
Berea	1	500	--	1,332	1	25	3	1,339	1	1,310	3	3,981
Total	1	500	--	1,332	1	25	3	1,339	2	1,941	4	4,612
HARRISON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
HENRY COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
HOCKING COUNTY												
Berea	1	23	--	832	1	30	29	850	--	--	2	1,682
Newburg	2	1,779	--	4,541	--	--	--	--	--	--	2	4,541
Clinton	1	100	--	3,079	50	2,948	8,930	138,951	5	14,633	56	156,663
Total	4	1,902	--	8,452	51	2,978	8,959	139,801	5	14,633	60	162,886
HOLMES COUNTY												
Berea	2	117	--	2,214	--	--	--	--	3	2,665	5	4,879
Clinton	9	10,698	60	30,351	23	1,295	4,911	75,920	6	20,328	38	126,599
Total	11	10,815	60	32,565	23	1,295	4,911	75,920	9	22,993	43	131,478
JACKSON COUNTY												
Mississippian (Upper)	1	50	--	659	--	--	--	--	--	--	1	659
Total	1	50	--	659	--	--	--	--	--	--	1	659
JEFFERSON COUNTY												
Mississippian (Upper)	--	--	--	--	--	--	--	--	2	2,010	2	2,010
2nd Berea	--	--	--	--	--	--	--	--	1	1,715	1	1,715
Total	--	--	--	--	--	--	--	--	3	3,725	3	3,725

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
KNOX COUNTY												
Berea	--	--	--	--	2	6	--	1,366	1	601	3	1,967
Newburg	--	--	--	--	2	22	241	5,090	--	--	2	5,090
Clinton	7	8,266	5	19,366	23	1,090	5,101	65,307	8	22,991	38	107,664
Total	7	8,266	5	19,366	27	1,118	5,342	71,763	9	23,592	43	114,721
LICKING COUNTY												
Berea	1	8	--	581	13	28	20	9,409	4	2,785	18	12,775
Newburg	--	--	--	--	--	--	--	--	1	2,955	1	2,955
Clinton	--	--	--	--	26	2,198	2,174	78,845	2	6,032	28	84,877
Total	1	8	--	581	39	2,226	2,194	88,254	7	11,772	47	100,607
LORAIN COUNTY												
Clinton	--	--	--	--	--	--	--	--	1	2,241	1	2,241
Total	--	--	--	--	--	--	--	--	1	2,241	1	2,241
LUCAS COUNTY												
MAHONING COUNTY												
Berea	1	25	--	580	--	--	--	--	--	--	1	580
Total	1	25	--	580	--	--	--	--	--	--	1	580
MEDINA COUNTY												
Berea	1	380	--	606	4	33	--	2,001	3	1,395	8	4,002
Clinton	14	18,628	--	44,872	2	113	338	7,127	--	--	16	51,999
Total	15	19,008	--	45,478	6	146	338	9,128	3	1,395	24	56,001
MEIGS COUNTY												
Pennsylvanian	5	1,059	--	3,489	--	--	--	--	3	1,573	8	5,062
Ohio shale	1	118	--	3,363	--	--	--	--	--	--	1	3,363
Total	6	1,177	--	6,852	--	--	--	--	3	1,573	9	8,425

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
MERCER COUNTY												
Trenton	--	--	--	--	1	12	---	1,150	1	1,242	2	2,392
Total	--	--	--	--	1	12	--	1,150	1	1,242	2	2,392
MONROE COUNTY												
Pennsylvanian	--	--	--	--	3	114	158	2,640	2	1,602	5	4,242
Mississippian (Upper)	--	--	--	--	5	18	--	7,798	--	--	5	7,798
Berea	--	--	--	--	1	5	--	2,080	1	1,450	2	3,530
Total	--	--	--	--	9	137	158	12,518	3	3,052	12	15,570
MORGAN COUNTY												
Pennsylvanian	1	534	--	726	1	1	--	77	8	2,418	10	3,221
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	1,160	1	1,160
Berea	--	--	--	--	5	46	5	6,802	--	--	5	6,802
2nd Berea	2	615	--	3,144	--	--	--	--	--	--	2	3,144
Clinton	1	2,000	--	4,468	--	--	--	--	--	--	1	4,468
Total	4	3,149	--	8,338	6	47	5	6,879	9	3,578	19	18,795
MORROW COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MUSKINGUM COUNTY												
Berea	--	--	--	--	1	2	--	1,236	--	--	1	1,236
Clinton	9	16,599	--	36,766	12	1,805	1,367	42,031	8	27,141	29	105,938
Total	9	16,599	--	36,766	13	1,807	1,367	43,267	8	27,141	30	107,174
NOBLE COUNTY												
Pennsylvanian	--	--	--	--	4	24	--	3,207	2	1,645	5	4,852
Mississippian (Upper)	--	--	--	--	1	2	--	1,320	1	1,320	2	2,640
Berea	4	163	--	6,442	--	--	--	--	2	3,212	6	9,654
Total	4	163	--	6,442	5	26	--	4,527	5	6,177	14	17,146
PAULDING COUNTY												
Trenton	--	--	--	--	1	1	--	1,457	--	--	1	1,457
Total	--	--	--	--	1	1	--	1,457	--	--	1	1,457

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule I)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
PERRY COUNTY												
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	487	1	487
Berea	1	300	--	920	1	4	--	1,223	3	3,147	5	5,290
Clinton	7	12,954	14	22,886	31	2,013	7,529	99,266	5	16,074	43	138,226
Total	8	13,254	14	23,806	32	2,017	7,529	100,489	9	19,708	49	144,003
PIKE COUNTY												
Berea	1	10	--	355	--	--	--	--	--	--	1	355
Total	1	10	--	355	--	--	--	--	--	--	1	355
PORTAGE COUNTY												
Clinton	6	5,785	5	26,667	--	--	--	--	--	--	6	26,667
Total	6	5,785	5	26,667	--	--	--	--	--	--	6	26,667
PREBLE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
RICHLAND COUNTY												
Clinton	2	1,575	--	5,125	--	--	--	--	1	2,680	3	7,805
Total	2	1,575	--	5,125	--	--	--	--	1	2,680	3	7,805
SANDUSKY COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
STARK COUNTY												
Clinton	11	14,122	--	49,918	2	65	550	9,012	2	8,853	15	67,783
Total	11	14,122	--	49,918	2	65	550	9,012	2	8,853	15	67,783
SUMMIT COUNTY												
Clinton	1	1,166	--	4,380	2	50	250	7,279	--	--	3	11,659
Total	1	1,166	--	4,380	2	50	250	7,279	--	--	3	11,659

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
TRUMBULL COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TUSCARAWAS COUNTY												
Berea	1	786	--	836	9	66	336	10,984	6	6,702	16	18,522
Clinton	2	428	--	10,406	--	--	--	--	--	--	2	10,406
Total	3	1,214	--	11,242	9	66	336	10,984	6	6,702	18	28,928
VAN WERT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
VINTON COUNTY												
Berea	--	--	--	--	11	211	2,100	10,579	--	--	11	10,579
Clinton	25	120,028	--	68,529	5	178	3,991	13,863	7	20,601	37	102,993
Total	25	120,028	--	68,529	16	389	6,091	24,442	7	20,601	48	113,572
WARREN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WASHINGTON COUNTY												
Pennsylvanian	1	440	--	936	12	73	56	8,839	15	10,146	28	19,921
Mississippian (Upper)	1	61	--	1,040	10	129	45	14,300	4	6,036	15	21,376
Berea	1	160	--	1,911	--	--	--	--	3	5,790	4	7,701
Total	3	661	--	3,887	22	202	101	23,139	22	21,972	47	48,998
WAYNE COUNTY												
Berea	--	--	--	--	1	1	66	613	2	1,430	3	2,043
Oriskany	--	--	--	--	--	--	--	--	1	2,200	1	2,200
Newburg	2	730	--	5,704	2	80	446	5,827	1	2,918	5	14,449
Clinton	25	27,275	28	83,203	53	3,025	13,543	174,633	13	42,620	91	300,456
Sub-Trenton	--	--	--	--	--	--	--	--	1	5,637	1	5,637
Total	27	28,005	28	88,907	56	3,106	14,055	181,073	18	54,805	101	324,785

TABLE 4
Summary of Pool Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
WYANDOT COUNTY												
Trenton	1	50	--	1,426	--	--	--	--	--	--	1	1,426
Total	1	50	--	1,426	--	--	--	--	--	--	1	1,426
TOTAL POOL WELLS	198	320,113	112	567,871	407	18,123	60,965	957,187	185	332,937	790	1,857,995

TABLE 5
Summary of Extension Wells Reported Completed in Ohio During 1960, by Producing Zone (from Table 6)

Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Pennsylvanian	1	438	--	1,035	--	--	--	--	9	5,419	10	6,454
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	1,040	1	1,040
Berea	3	2,282	--	2,728	2	28	--	2,593	8	8,519	13	13,840
2nd Berea	1	188	--	1,520	1	1	--	1,597	1	1,504	3	4,621
Ohio shale	1	140	--	3,162	--	--	--	--	--	--	1	3,162
Oriskany	2	3,844	--	4,681	--	--	--	--	4	9,911	6	14,592
Newburg	1	5,800	--	2,666	--	--	--	--	1	4,135	2	6,801
Clinton	25	20,505	32	90,381	17	1,064	4,001	55,088	35	115,953	77	261,422
Trenton	--	--	--	--	--	--	--	--	--	--	--	--
Sub-Trenton	--	--	--	--	--	--	--	--	5	23,390	5	23,390
Precambrian	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL EXTENSION WELLS	34	33,197	32	106,173	20	1,093	4,001	59,278	64	169,871	118	335,322

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
ASHLAND COUNTY												
Berea	--	--	--	--	--	--	--	--	1	810	1	810
Clinton	--	--	--	--	--	--	--	--	1	3,035	1	3,035
Total	--	--	--	--	--	--	--	--	2	3,845	2	3,845
ASHTABULA COUNTY												
Oriskany	2	3,844	--	4,681	--	--	--	--	1	2,311	3	6,992
Clinton	4	3,566	20	14,046	--	--	--	--	--	--	4	14,046
Total	6	7,410	20	18,727	--	--	--	--	1	2,311	7	21,038
ATHENS COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
AUGLAIZE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BELMONT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BROWN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BUTLER COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CARROLL COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CLERMONT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CLINTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
COLUMBIANA COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
COSHOCTON COUNTY												
Newburg	1	5,800	--	2,666	--	--	--	--	--	--	1	2,666
Clinton	--	--	--	--	2	175	103	7,231	2	7,280	4	14,511
Total	1	5,800	--	2,666	2	175	103	7,231	2	7,280	5	17,177

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
CRAWFORD COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
DELAWARE COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	3,739	1	3,739
Total	--	--	--	--	--	--	--	--	1	3,739	1	3,739
ERIE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
FAIRFIELD COUNTY												
Clinton	--	--	--	--	--	--	--	--	1	2,430	1	2,430
Total	--	--	--	--	--	--	--	--	1	2,430	1	2,430
FAYETTE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
FULTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
GALLIA COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
GUERNSEY COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
HARRISON COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	1	500	1	500
Total	--	--	--	--	--	--	--	--	1	500	1	500
HENRY COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
HOCKING COUNTY												
Berea	--	--	--	--	--	--	--	--	1	694	1	694
Clinton	--	--	--	--	6	300	1,030	16,953	2	5,635	8	22,588
Total	--	--	--	--	6	300	1,030	16,953	3	6,329	9	23,282

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
HOLMES COUNTY												
Clinton	--	--	--	--	1	200	1,600	3,287	3	10,909	4	14,196
Total	--	--	--	--	1	200	1,600	3,287	3	10,909	4	14,196
JACKSON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
JEFFERSON COUNTY												
2nd Berea	--	--	--	--	--	--	--	--	1	1,504	1	1,504
Total	--	--	--	--	--	--	--	--	1	1,504	1	1,504
KNOX COUNTY												
Berea	--	--	--	--	--	--	--	--	1	750	1	750
Clinton	--	--	--	--	3	139	418	9,215	2	5,754	5	14,969
Total	--	--	--	--	3	139	418	9,215	3	6,504	6	15,719
LICKING COUNTY												
Clinton	--	--	--	--	1	20	--	2,969	3	8,801	4	11,770
Total	--	--	--	--	1	20	--	2,969	3	8,801	4	11,770
LORAIN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
LUCAS COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MAHONING COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MEDINA COUNTY												
Berea	--	--	--	--	--	--	--	--	1	512	1	512
Clinton	2	986	--	6,553	--	--	--	--	2	6,789	4	13,342
Sub-Trenton	--	--	--	--	--	--	--	--	1	6,056	1	6,056
Total	2	986	--	6,553	--	--	--	--	4	13,357	6	19,910

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
MEIGS COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	4	3,243	4	3,243
2nd Berea	1	188	--	1,520	1	1	--	1,597	--	--	2	3,117
Ohio shale	1	140	--	3,162	--	--	--	--	--	--	1	3,162
Total	2	328	--	4,682	1	1	--	1,597	4	3,243	7	9,522
MERCER COUNTY		--	--	--	--	--	--	--	--	--	--	--
MONROE COUNTY												
Pennsylvanian	1	438	--	1,035	--	--	--	--	--	--	1	1,035
Berea	--	--	--	--	--	--	--	--	1	2,075	1	2,075
Total	1	438	--	1,035	--	--	--	--	1	2,075	2	3,110
MORGAN COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	1	169	1	169
Oriskany	--	--	--	--	--	--	--	--	1	3,500	1	3,500
Total	--	--	--	--	--	--	--	--	2	3,669	2	3,669
MORROW COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	2	7,652	2	7,652
Total	--	--	--	--	--	--	--	--	2	7,652	2	7,652
MUSKINGUM COUNTY												
Berea	1	32	--	1,030	--	--	--	--	--	--	1	1,030
Clinton	1	591	--	3,535	1	80	250	3,177	5	19,077	7	25,789
Total	2	623	--	4,565	1	80	250	3,177	5	19,077	8	26,819
NOBLE COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	3	1,507	3	1,507
Berea	--	--	--	--	--	--	--	--	1	1,442	1	1,442
Total	--	--	--	--	--	--	--	--	4	2,949	4	2,949

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
PAULDING COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
PERRY COUNTY												
Clinton	3	6,610	2	10,320	1	10	300	3,315	3	10,759	7	24,394
Total	3	6,610	2	10,320	1	10	300	3,315	3	10,759	7	24,394
PIKE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
PORTAGE COUNTY												
Newburg	--	--	--	--	--	--	--	--	1	4,135	1	4,135
Clinton	5	3,534	--	22,180	--	--	--	--	1	4,445	6	26,625
Total	5	3,534	--	22,180	--	--	--	--	2	8,580	7	30,760
PREBLE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
RICHLAND COUNTY												
Oriskany	--	--	--	--	--	--	--	--	1	1,500	1	1,500
Clinton	1	368	--	2,524	--	--	--	--	3	7,812	4	10,336
Total	1	368	--	2,524	--	--	--	--	4	9,312	5	11,836
SANDUSKY COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
STARK COUNTY												
Clinton	3	3,000	10	13,485	2	140	300	8,941	1	4,613	6	27,039
Total	3	3,000	10	13,485	2	140	300	8,941	1	4,613	6	27,039
SUMMIT COUNTY												
Clinton	1	700	--	4,097	--	--	--	--	1	4,185	2	8,282
Total	1	700	--	4,097	--	--	--	--	1	4,185	2	8,282

TABLE 6
Exploratory Wells
Summary of Extension Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
TRUMBULL COUNTY		--	--	--	--	--	--	--	--	--	--	--
TUSCARAWAS COUNTY												
Berea	2	2,250	--	1,698	--	--	--	--	2	2,236	4	3,934
Total	2	2,250	--	1,698	--	--	--	--	2	2,236	4	3,934
VAN WERT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
VINTON COUNTY												
Berea	--	--	--	--	1	25	--	953	--	--	1	953
Clinton	3	670	--	6,911	--	--	--	--	4	11,241	7	18,152
Total	3	670	--	6,911	1	25	--	953	4	11,241	8	19,105
WARREN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WASHINGTON COUNTY												
Mississippian (Upper)	--	--	--	--	--	3	--	--	1	1,040	1	1,040
Berea	--	--	--	--	1	--	--	1,640	--	--	1	1,640
Total	--	--	--	--	1	3	--	1,640	1	1,040	2	2,680
WAYNE COUNTY												
Oriskany	--	--	--	--	--	--	--	--	1	2,600	1	2,600
Clinton	2	480	--	6,730	--	--	--	--	1	3,188	3	9,918
Sub-Trenton	--	--	--	--	--	--	--	--	1	5,943	1	5,943
Total	2	480	--	6,730	--	--	--	--	3	11,731	5	18,461
WYANDOT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL EXTENSION WELLS	34	33,197	32	106,173	20	1,093	4,001	59,278	64	169,871	118	335,322

TABLE 7
Exploratory Wells
Summary of Outpost Wells Reported Completed in Ohio During 1960, by Producing Zone (from Table 8)

Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Pennsylvanian	--	--	--	--	--	--	--	--	1	623	1	623
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	1,395	1	1,395
Berea	--	--	--	--	--	--	--	--	1	1,180	1	1,180
2nd Berea	--	--	--	--	--	--	--	--	--	--	--	--
Ohio shale	--	--	--	--	--	--	--	--	--	--	--	--
Oriskany	--	--	--	--	--	--	--	--	--	--	--	--
Newburg	--	--	--	--	--	--	--	--	--	--	--	--
Clinton	4	4,133	--	15,674	3	90	263	8,583	2	8,487	9	32,744
Trenton	--	--	--	--	--	--	--	--	--	--	--	--
Sub-Trenton	--	--	--	--	--	--	--	--	2	7,218	2	7,218
Precambrian	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL OUTPOST WELLS	4	4,133	--	15,674	3	90	263	8,583	7	18,903	14	43,160

TABLE 8
Exploratory Wells
Summary of Outpost Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
ASHLAND COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
ASHTABULA COUNTY												
Clinton	1	428	--	3,148	--	--	--	--	--	--	1	3,148
Total	1	428	--	3,148	--	--	--	--	--	--	1	3,148
ATHENS COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	1	623	1	623
Total	--	--	--	--	--	--	--	--	1	623	1	623
AUGLAIZE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BELMONT COUNTY												
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	1,395	1	1,395
Total	--	--	--	--	--	--	--	--	1	1,395	1	1,395
BROWN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BUTLER COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CARROLL COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CLERMONT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
CLINTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
COLUMBIANA COUNTY	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 8
Exploratory Wells
Summary of Outpost Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
JACKSON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
JEFFERSON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
KNOX COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
LICKING COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
LORAIN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
LUCAS COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MAHONING COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MEDINA COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MEIGS COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MERCER COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MONROE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MORGAN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MORROW COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	3,574	1	3,574
Total	--	--	--	--	--	--	--	--	1	3,574	1	3,574

TABLE 8
Exploratory Wells
Summary of Outpost Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule I)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
TRUMBULL COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TUSCARAWAS COUNTY												
Berea	--	--	--	--	--	--	--	--	1	1,180	1	1,180
Total	--	--	--	--	--	--	--	--	1	1,180	1	1,180
VAN WERT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
VINTON COUNTY												
Clinton	--	--	--	--	1	20	188	2,933	--	--	1	2,933
Total	--	--	--	--	1	20	188	2,933	--	--	1	2,933
WARREN COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WASHINGTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WAYNE COUNTY												
Clinton	--	--	--	--	--	--	--	--	1	3,882	1	3,882
Total	--	--	--	--	--	--	--	--	1	3,882	1	3,882
WYANDOT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL OUTPOST WELLS	4	4,133	--	15,674	3	90	263	8,583	7	18,903	14	43,160

TABLE 9
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by Producing Zone (from Table 10)

	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
Pennsylvanian	--	--	--	--	--	--	--	--	3	1,855	3	1,855
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	386	1	386
Berea	1	481	--	690	--	--	--	--	11	10,421	12	11,111
2nd Berea	1	133	--	1,580	--	--	--	--	1	1,423	2	3,003
Ohio shale	--	--	--	--	--	--	--	--	2	1,780	2	1,780
Oriskany	1	1,650	--	2,365	--	--	--	--	--	--	1	2,365
Newburg	3	1,379	--	8,308	--	--	--	--	5	2,993	8	11,301
Clinton	7	12,573	2	28,740	2	410	3,059	6,985	18	69,554	27	105,279
Cincinnatian	--	--	--	--	--	--	--	--	1	450	1	450
Trenton	--	--	--	--	1	10	100	1,378	2	2,796	3	4,174
Sub-Trenton	1	419	--	5,713	1	3	--	3,328	17	55,333	19	64,374
Precambrian	--	--	--	--	--	--	--	--	4	15,595	4	15,595
TOTAL WILDCAT WELLS	14	16,635	2	47,396	4	423	3,159	11,691	65	162,586	83	221,673

TABLE 10
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
ASHLAND COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	3	14,371	3	14,371
Total	--	--	--	--	--	--	--	--	3	14,371	3	14,371
ASHTABULA COUNTY												
Ohio shale	--	--	--	--	--	--	--	--	1	1,410	1	1,410
Oriskany	1	1,650	--	2,365	--	--	--	--	--	--	1	2,365
Clinton	2	494	--	7,558	--	--	--	--	7	25,273	9	32,831
Total	3	2,144	--	9,923	--	--	--	--	8	26,683	11	36,606
ATHENS COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
AUGLAIZE COUNTY												
Trenton	--	--	--	--	--	--	--	--	1	1,337	1	1,337
Total	--	--	--	--	--	--	--	--	1	1,337	1	1,337
BELMONT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
BROWN COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	2,100	1	2,100
Total	--	--	--	--	--	--	--	--	1	2,100	1	2,100
BUTLER COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	2,933	1	2,933
Total	--	--	--	--	--	--	--	--	1	2,933	1	2,933
CARROLL COUNTY												
Berea	--	--	--	--	--	--	--	--	1	1,285	1	1,285
Total	--	--	--	--	--	--	--	--	1	1,285	1	1,285

TABLE 10
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
CLERMONT COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	3,435	1	3,435
Total	--	--	--	--	--	--	--	--	1	3,435	1	3,435
CLINTON COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	1,678	1	1,678
Precambrian	--	--	--	--	--	--	--	--	1	3,465	1	3,465
Total	--	--	--	--	--	--	--	--	2	5,143	2	5,143
COLUMBIANA COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
COSHOCTON COUNTY												
Berea	--	--	--	--	--	--	--	--	2	1,804	2	1,804
Newburg	1	819	--	2,568	--	--	--	--	--	--	1	2,568
Clinton	--	--	--	--	--	--	--	--	2	6,989	2	6,989
Total	1	819	--	2,568	--	--	--	--	4	8,793	5	11,361
CRAWFORD COUNTY												
Newburg	--	--	--	--	--	--	--	--	1	793	1	793
Total	--	--	--	--	--	--	--	--	1	793	1	793
DELAWARE COUNTY												
Newburg	--	--	--	--	--	--	--	--	3	1,500	3	1,500
Sub-Trenton	--	--	--	--	--	--	--	--	1	3,005	1	3,005
Total	--	--	--	--	--	--	--	--	4	4,505	4	4,505
ERIE COUNTY												
Precambrian	--	--	--	--	--	--	--	--	1	4,417	1	4,417
Total	--	--	--	--	--	--	--	--	1	4,417	1	4,417

TABLE 10
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	IOF-MCF	BOPD	Feet	No.	IP-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
FAIRFIELD COUNTY												
Clinton	--	--	--	--	1	400	3,000	2,546	--	--	1	2,546
Sub-Trenton	--	--	--	--	1	3	--	3,328	--	--	1	3,328
Total	--	--	--	--	2	403	3,000	5,874	--	--	2	5,874
FAYETTE COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	1,879	1	1,879
Total	--	--	--	--	--	--	--	--	1	1,879	1	1,879
FULTON COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	2,820	1	2,820
Total	--	--	--	--	--	--	--	--	1	2,820	1	2,820
GALLIA COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	1	700	1	700
Clinton	1	2,500	--	3,352	--	--	--	--	--	--	1	3,352
Total		2,500	--	3,352	--	--	--	--	1	700	2	4,052
GUERNSEY COUNTY												
Berea	--	--	--	--	--	--	--	--	1	1,209	1	1,209
Total	--	--	--	--	--	--	--	--	1	1,209	1	1,209
HARRISON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
HENRY COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	1	2,636	1	2,636
Total	--	--	--	--	--	--	--	--	1	2,636	1	2,636
HOCKING COUNTY	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 10
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
MEDINA COUNTY												
Berea	--	--	--	--	--	--	--	--	2	1,235	2	1,235
Sub-Trenton	--	--	--	--	--	--	--	--	1	5,431	1	5,431
Total	--	--	--	--	--	--	--	--	3	6,666	3	6,666
MEIGS COUNTY												
Pennsylvanian	--	--	--	--	--	--	--	--	2	1,155	2	1,155
2nd Berea	1	133	--	1,580	--	--	--	--	--	--	1	1,580
Clinton	--	--	--	--	--	--	--	--	1	4,812	1	4,812
Total	1	133	--	1,580	--	--	--	--	3	5,967	4	7,547
MERCER COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MONROE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
MORGAN COUNTY												
Clinton	1	363	--	4,607	--	--	--	--	--	--	1	4,607
Total	1	363	--	4,607	--	--	--	--	--	--	1	4,607
MORROW COUNTY												
Newburg	--	--	--	--	--	--	--	--	1	700	1	700
Sub-Trenton	--	--	--	--	--	--	--	--	1	2,700	1	2,700
Total	--	--	--	--	--	--	--	--	2	3,400	2	3,400
MUSKINGUM COUNTY												
Clinton	--	--	--	--	--	--	--	--	1	3,697	1	3,697
Total	--	--	--	--	--	--	--	--	1	3,697	1	3,697
NOBLE COUNTY	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 10
Exploratory Wells
Summary of Wildcat Wells Reported Completed in Ohio During 1960, by County and Producing Zone (from Schedule 1)

County, Zone	Gas				Oil				Dry		Total	
	No.	10F-MCF	BOPD	Feet	No.	1P-BOPD	OF-MCF	Feet	No.	Feet	No.	Feet
SUMMIT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TRUMBULL COUNTY												
Berea	--	--	--	--	--	--	--	--	1	578	1	578
Clinton	1	200	2	5,025	--	--	--	--	3	12,421	4	17,446
Total	1	200	2	5,025	--	--	--	--	4	12,999	5	18,024
TUSCARAWAS COUNTY												
Berea	--	--	--	--	--	--	--	--	2	2,570	2	2,590
Clinton	--	--	--	--	1	10	59	4,439	--	--	1	4,439
Total	--	--	--	--	1	10	59	4,439	2	2,570	3	7,009
VAN WERT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
VINTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WARREN COUNTY												
Sub-Trenton	--	--	--	--	--	--	--	--	2	5,878	2	5,878
Total	--	--	--	--	--	--	--	--	2	5,878	2	5,878
WASHINGTON COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
WAYNE COUNTY												
Mississippian (Upper)	--	--	--	--	--	--	--	--	1	386	1	386
Berea	1	481	--	690	--	--	--	--	1	860	2	1,550
Newburg	1	310	--	2,967	--	--	--	--	--	--	1	2,697
Sub-Trenton	1	419	--	5,713	--	--	--	--	--	--	1	5,713
Total	3	1,210	--	9,370	--	--	--	--	2	1,246	5	10,616
WYANDOT COUNTY	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL WILDCAT WELLS	14	16,635	2	47,396	4	423	3,159	11,691	65	162,586	83	221,673

Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
	ASHLAND COUNTY													
1578	Completed 1958	Jackson	S-22	1-14										
1592	Completed 1958	Perry	S-3	5-19										
1600	Completed 1958 WF	Lake	S-21	1-28										
1650	255 WL 900 SL	NW Lake	S-3	3-10	2-6	Miss.	Be.	575	--	4	649	O-Pool		
1668	Completed 1959 WF	Perry	S-34	7-28										
1669	Completed 1958 WF	Perry	S-27	7-28										
1670	Completed 1958 WF	Perry	S-27	7-28										
1679	Completed 1958 WF	Perry	S-27	7-28										
1700-7	Completed 1959	Perry	S-9	1-14										
1714	1320 EL 400 NL	SE Lake	S-11	1-26-61	7-21	Sil.	Cl.	3003	1600	--	3027	G-Pool		
1715-11	Completed 1959	Sullivan	L-33	6-16										
1719	Completed 1959	Perry	S-4	5-5										
1726	Completed 1959	Perry	S-3	3-10										
1746	Completed 1959	Sullivan	L-34	6-16										
1755	Completed 1959	Perry	S-4	1-14										
1762	660 EL 1020 NL	NE Lake	S-2	2-11	2-4	Camb.	Tpl.	5259	--	--	5485	D-DPWC	T	C1. 29 MCF
1764	1575 WL 300 NL	SW Perry	S-3	2-11	1-20	Miss.	Be.	623	--	10	743	O-Pool		
1765	Completed 1959 WF	Orange	S-15	2-24										
1766	Completed 1959	Lake	S-3	2-11										
1767	Completed 1959	Lake	S-10	2-11										
1768	360 NL 100 EL	SE Perry	S-8	6-29	5-23	Miss.	Be.	746	--	3	792	O-Pool		
1769	Completed 1959	Perry	S-4	1-14										
1770	Permit to plug													
1771	1105 NL 1000 EL	NE Perry	S-9	2-24	1-6	Miss.	Be.	710	--	12	790	O-Pool		
1772	215 EL 1060 SL	NW Perry	S-9	6-16	2-29	Miss.	Be.	713	--	10	809	O-Pool		
1773-5	130 NL 730 EL	NE Lake	S-10	2-11	1-5	Miss.	Be.	776	--	3	870	O-Pool		
1773-6	360 NL 730 EL	NE Lake	S-10	2-11	1-4	Miss.	Be.	773	--	5	875	O-Pool		
1774	147 SL 60 EL	SE Orange	S-2	2-24	2-1	Miss.	Be.	613	--	5	743	O-Pool		
1775	1650 WL 100 NL	SW Perry	S-3	5-19	4-28	Miss.	Be.	617	--	5	736	O-Pool		
1776	Waterflood	Perry	S-26	1-14										
1777	Waterflood	Perry	S-26	2-11										
1778	1000 NL 330 EL	NW Lake	S-21	1-28	1-12	Miss.	Be.	760	--	1	860	O-Pool		
1779	Core test WF	Perry	S-26	6-2										
1780	Cancelled location													
1781	Active													
1782-7	730 EL 130 NL	NE Lake	S-10	2-24	1-29	Miss.	Be.	776	--	--	925	D-Pool		
1782-8	530 EL 530 NL	NE Lake	S-10	2-24	2-5	Miss.	Be.	775	--	--	920	D-Pool		
1783	175 NL 700 EL	SW Mohican	S-26	3-24	2-29	Miss.	Be.	573	--	--	652	D-Pool		
1784	330 EL 380 NL	Ruggles	L-14	5-19	4-28	Camb.	Tpl.	4430 Corr.	--	--	4441	D-WC	U	Tpl. 31 MCF Nat.
1785	140 WL 1080 NL	NE Perry	S-3	4-7	3-10	Miss.	Be.	570	--	--	623	D-Pool		
1786	1125 NL 1000 WL	NW Lake	S-17	5-5	4-8	Sil.	Cl.	2993	536	--	3064	G-Pool		
1787	330 NL 390 EL	Ruggles	L-41	10-6	8-15	Camb.	Tpl.	4425	--	--	4445	D-WC	U	150 MCF 2 BO Abd. 11-19-60
1788	Active													
1789	Core test WF	Perry	--	6-2										
1790	375 WL 247 SL	SW Mohican	S-26	5-5	4-7	Miss.	Be.	433	--	--	650	D-Pool		
1791	100 WL 950 SL	NE Perry	S-3	9-8	7-31	Miss.	Be.	567	--	20	636	O-Pool		
1792	1020 SL 450 WL	NE Perry	S-3	7-28	5-28	Miss.	Be.	555	--	30	680	O-Pool		
1793	1020 SL 100 EL	NW Perry	S-3	5-19	4-12	Miss.	Be.	547	--	3	694	O-Pool		
1794	30 SL 2610 EL	NE Clear Creek	S-4	5-19	4-16	Miss.	Be.	373	--	--	460	D-Pool		
1795	2003 SL 165 WL	SW Perry	S-16	6-2	5-11	Miss.	Be.	771	--	--	800	D-Pool		
1796	Cancelled location													
1797	130 WL 700 NL	SW Lake	S-22	8-11	4-26	Miss.	Be.	570	--	5	640	O-Pool		
1798	1360 SL 560 WL	NE Perry	S-3	6-16	5-23	Miss.	Be.	568	--	--	662	D-Pool		
1799	100 EL 1030 NL	SE Perry	S-5	7-14	6-1	Miss.	Be.	722	--	--	810	D-Ext.	R	
1800	910 EL 50 NL	SW Perry	S-9	7-14	6-22	Miss.	Be.	745	--	35	796	O-Pool		

Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1801	292 EL 110 NL	NE	Lake	S-21	8-11	5-6	Miss.	Be.	621	--	6	733	O-Pool	
1802	100 EL 800 SL	NW	Perry	S-3	6-2	5-18	Miss.	Be.	559	--	6	664	O-Pool	
1803	200 NL 130 WL	SW	Lake	S-22	6-29	5-12	Miss.	Be.	571	--	--	704	D-Pool	
1804	625 NL 740 WL	SW	Jackson	S-27	6-29	5-20	Miss.	Be.	590	--	45	671	O-Pool	
1805	1315 NL 870 EL	SE	Perry	S-4	7-28	6-9	Miss.	Be.	705	--	--	750	D-Pool	
1806	Cancelled location													
1807	Cancelled location													
1808	600 WL 815 NL	SE	Perry	S-8	7-14	6-16	Miss.	Be.	742	--	10	789	O-Pool	
1809	990 EL 330 SL	SE	Lake	S-21	7-28	6-15	Miss.	Be.	558	--	--	670	D-Pool	
1810	340 EL 1050 SL	SW	Jackson	S-28	6-29	6-11	Miss.	Be.	662	--	--	742	D-Pool	
1811	165 EL 1340 NL	NW	Perry	S-17	8-25	7-8	Miss.	Be.	717	--	--	800	D-Pool	
1812	100 EL 600 SL	NW	Perry	S-3	11-3	6-30	Miss.	Be.	563	--	3	669	O-Pool	
1813	800 SL 1150 EL	SE	Jackson	S-28	8-11	6-18	Miss.	Be.	600	--	1	698	O-Pool	
1814	Storage		Vermillion	--	6-29									
1815	840 NL 440 WL	SE	Perry	S-2	7-28	6-22	Miss.	Be.	592	--	--	704	D-Pool	
1816	Active													
1817	600 NL 180 WL	SE	Perry	S-2	7-28	7-12	Miss.	Be.	588	--	--	717	D-Pool	
1818	Storage well													
1819	445 NL 560 WL	SW	Jackson	S-27	8-11	7-18	Miss.	Be.	590	--	40	670	O-Pool	
1820	660 NL 660 EL	SE	Lake	S-7	9-22	8-15	Sil.	C1.	2945	--	--	3035	D-Ext.	
1821	360 NL 460 EL	SE	Perry	S-8	9-8	8-1	Miss.	Be.	748	--	--	800	D-Pool	
1822	238 EL 1050 NL	NW	Perry	S-3	10-6	10-7	Miss.	Be.	570	--	--	700	D-Pool	
1823	Active													
1824	415 EL 1120 SL	NW	Perry	S-9	9-8	8-15	Miss.	Be.	739	--	--	830	D-Pool	
1825	Active													
1826	460 NL 410 WL	SW	Jackson	S-27	9-8	8-6	Miss.	Be.	595	--	--	665	D-Pool	
1827	400 NL 950 EL	SE	Lake	S-21	9-8	8-1	Miss.	Be.	629	--	4	715	O-Pool	
1828	980 EL 1100 NL	NW	Lake	S-17	10-3	9-21	Sil.	C1.	2986	281	80	3034	O-Pool	
1829	500 NL 340 WL	NE	Perry	S-3	9-22	8-18	Miss.	Be.	582	--	--	713	D-Pool	
1830	940 SL 580 WL	NE	Perry	S-3	11-3	9-20	Miss.	Be.	559	--	35	670	O-Pool	
1831	340 WL 570 SL	NE	Lake	S-11	11-3	9-15	Miss.	Be.	667	--	20	820	O-Pool	
1832	469 SL 905 EL	NE	Perry	S-8	12-1	10-14	Miss.	Be.	737	--	15	782	O-Pool	
1833	Active													
1834	Cancelled location													
1835	530 WL 480 SL	NE	Lake	S-11	11-17	10-3	Miss.	Be.	687	--	20	803	O-Pool	
1836	540 SL 330 EL	SE	Mohican	S-29	11-3	10-7	Miss.	Be.	720	--	4	800	O-Pool	
1837	700 SL 1020 EL	NE	Lake	S-11	12-14	11-7	Sil.	C1.	3080	173	10	3148	O-Pool	
1838	1285 WL 740 NL	NW	Perry	S-3	1-12-61	12-28	Miss.	Be.	644	--	--	770	D-Pool	
1839	600 SL 980 EL	NE	Perry	S-3	11-17	10-15	Miss.	Be.	510	--	15	700	O-Pool	
1840	840 SL 215 EL	NW	Perry	S-9	12-14	11-14	Miss.	Be.	715	--	35	802	O-Pool	
1841	122 NL 100 WL	NW	Lake	S-11	12-29	12-15	Miss.	Be.	748	--	--	850	D-Pool	
1842	Permit to plug													
1843	Permit to plug													
1844	1360 NL 780 EL	NE	Perry	S-9	2-9-61	11-20	Miss.	Be.	709	--	5	785	O-Pool	
1845	730 EL 600 SL	NE	Perry	S-3	11-17	10-26	Miss.	Be.	514	--	20	695	O-Pool	
1846	580 SL 108 WL	SW	Lake	S-2	12-1	11-4	Miss.	Be.	770	--	--	875	D-Pool	
1847	375 SL 610 EL	SE	Lake	S-16	12-29	11-10	Miss.	Be.	595	--	55	697	O-Pool	
1848	100 EL 620 SL	NW	Lake	S-11	12-14	11-15	Miss.	Be.	734	--	15	840	O-Pool	
1849	Active													
1850	1980 WL 600 SL	NE	Perry	S-3	12-14	11-4	Miss.	Be.	519	--	15	670	O-Pool	
1851	590 SL 700 EL	NE	Perry	S-3	12-29	11-15	Miss.	Be.	514	--	15	700	O-Pool	
1852	615 NL 430 WL	SW	Jackson	S-27	1-12-61	12-5	Miss.	Be.	600	--	20	655	O-Pool	
1853	100 SL 1220 WL	NE	Perry	S-3	12-29	12-1	Miss.	Be.	508	--	10	694	O-Pool	
1854	580 SL 260 EL	NE	Perry	S-3	1-12-61	12-8	Miss.	Be.	520	--	10	640	O-Pool	
1855	520 SL 830 WL	NE	Perry	S-3	1-12-61	12-19	Miss.	Be.	554	--	--	684	D-Pool	
1856	Active													
1857	430 SL 1045 EL	NE	Perry	S-3	--	12-20	Miss.	Be.	519	--	2	692	O-Pool	
1858	Active													
1859	90 WL 1150 NL	NE	Perry	S-9	1-26-61	12-14	Miss.	Be.	738	--	2	795	O-Pool	

Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks	
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD					
105	800 WL 140 SL	Monroe	L-21	9-22	8-29	Sil.	Cl.	3100	2061	--	3158	G-Pool	T	SG	
106	600 EL 660 SL	Hartsgrrove	L-41	8-25	8-17	Dev.	Or.	2307	--	--	2311	D-Ext.			
107	1320 WL 330 SL	Monroe	L-9	10-6	8-29	Sil.	Cl.	3235	300	--	3429	G-Pool			
108	1520 SL 970 EL	Monroe	L-21	12-14	12-1	Sil.	Cl.	3085	200	--	3239	G-Pool			
109	1250 WL 413 NL	Monroe	L-12	9-8	8-10	Sil.	Cl.	3187	5250	--	3202	G-Pool			
110	315 EL 1440 SL	Monroe	L-16	11-3	10-15	Sil.	Cl.	3032	3061	--	3093	G-Pool			
111	400 NL 600 EL	Monroe	L-4	9-22	9-27	Sil.	Cl.	3162	9000	--	3190	G-Pool			
112	760 NL 2200 EL	Monroe	L-11	10-6	10-3	Sil.	Cl.	3111	4200	--	3216	G-Pool			
113	518 NL 454 EL	Dorset	L-2	9-22	8-21	Sil.	Cl.	3730	1500	20	3947	G-Ext.	-- Sub.		
114	Completed 1961														
115	Active														
116	Active														
117	300 SL 390 EL	Conneaut	L-33	11-17	11-2	Sil.	Cl.	3089	1812	--	3248	G-Pool			
118	Active														
119	Active														
120	1090 SL 1785 EL	Conneaut	L-49	11-3	11-9	Sil.	Cl.	2944	553	--	3056	G-Ext.	T		
121	Active														
122	See P-112	Monroe	--	10-6											
123	500 SL 500 EL	Monroe	L-24	12-1	12-1	Sil.	Cl.	3197	900	--	3326	G-Pool			
124	Active														
125	2000 NL 250 EL	Monroe	L-11	11-17	10-18	Sil.	Cl.	3152	1770	--	3260	G-Pool			
126	660 NL 660 WL	Monroe	L-10	12-1	11-1960	Sil.	Cl.	3141	9000	--	3220	G-Pool			
127	3250 NL 860 EL	Monroe	L-2	12-14	12-2	Sil.	Cl.	3075	500	--	3154	G-Pool			
128	550 WL 2700 SL	Monroe	L-11	12-29	12-1960	Sil.	Cl.	3163	800	--	3260	G-Pool			
129	Permit to plug														
130	600 SL 750 EL	Monroe	L-3	12-1	12-7	Sil.	Cl.	3143	8200	--	3192	G-Pool			
131	1800 SL 1400 EL	Orwell	L-2	12-1	11-18	Sil.	Cl.	3512	--	--	3703	D-WC	R		
132	1920 NL 2400 WL	Monroe	L-11	12-29	12-1	Sil.	Cl.	3133	500	--	3309	G-Pool			
133	Active														
134	800 EL 4800 SL	Geneva	S-3	1-12-61	12-60	Dev.	OS	1410	--	--	1410	D-WC	R	Temp. abd.	
135	Active														
136	Active														
137	Active														
138	Active														
139	Cancelled location														
140	Active														
141	Active														
None	OWDD Stasiak #1	Monroe	L-36	10-6											
	TOTAL ASHTABULA COUNTY	33-GAS		O-OIL		10-DRY		71,150 MCF		20 BO		138,963 FEET		43 TOTAL WELLS	
	ATHENS COUNTY														
1325	Cancelled location														
1338	Cancelled location														
1355	2111 WL 330 SL	Canaan	S-1	6-29	6-2	Miss.	2nd Be.	1618	145	--	1628	G-Pool			
1356	363 EL 218 NL	Canaan	Fr.-1	8-11	7-15	Pa.	PK.	No sand	--	--	200	D-Pool			
1351	Old well abandoned														
1358	1235 NL 312 EL	SE Ames	S-18	10-6	7-16	Pa.	CR	152	--	1	210	O-Pool			
1359	1968 SL 44 WL	SW Rome	S-30	8-25	1960	Pa.	CR	360	--	1	395	O-Pool			
1360	478 SL 573 EL	SE Carthage	S-35	9-8	8-12	Pa.	CR	548	--	5	565	O-Pool			
1361	1079 NL 660 WL	SE Canaan	Fr.-5	10-20	10-4	Miss.	2nd Be.	1422	409	--	1436	G-Pool			
1362	741 EL 216 SL	SE Carthage	S-35	10-20	9-23	Pa.	PK.	500	--	10	526	O-Pool			
1363	460 SL 434 EL	SW Rome	S-35	11-3	10-10	Pa.	2nd CR	695	--	--	750	D-Pool			
1364	Active														
1365	Active														

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Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1366	Active													
1367	1262 SL 535 WL	Troy	Fr.-33	1-26-61	10-29	Pa.	CR	566	--	--	623	D-Out.	R	
1368-6	1150 NL 310 EL	SE Ames	S-18	12-1	10-26	Pa.	CR	160	--	2	210	O-Pool		
1368-7	912 NL 325 EL	SE Ames	S-18	12-1	11-2	Pa.	CR	207	--	2	234	O-Pool		
1368-8	737 NL 387 EL	SE Ames	S-18	12-1	11-12	Pa.	CR	218	--	--	235	D-Pool		
1369	1315 EL 178 NL	NE Canaan	S-13	12-1	11-15	Pa.	CR	223	--	--	228	D-Pool		
1370	1021 EL 120 NL	NE Carthage	S-34	12-14	12-1	Pa.	CR	350	--	--	625	D-Pool		
1371	692 NL 300 EL	NE Waterloo	S-25	1-26-61	11-28	Miss.	Be.	1048	--	10	1084	O-Pool		
1372	1210 EL 262 NL	NE Canaan	S-13	12-14	12-11	Pa.	CR	246	--	--	251	D-Pool		
1373	1362 NL 1658 EL	NE Lodi	S-12	12-29	12-29	Pa.	2nd CR	635	387	--	678	G-Pool		
	TOTAL ATHENS COUNTY	3-GAS		7-OIL		7-DRY		941-MCF		31-BO		9878 FEET		17 TOTAL WELLS
34	AUGLAIZE COUNTY 275 SL 275 EL	SE Duchouquet	S-23	6-16	5-24	Ord.	Tr.	1286	--	--	1337	D-WC	R	
	TOTAL AUGLAIZE COUNTY	0-GAS		0-OIL		1-DRY		0-MCF		0-BO		1337 FEET		1 TOTAL WELLS
	BELMONT COUNTY													
243	1567 WL 193 NL	NW Somerset	S-33	5-5		Miss.	Be.	1760	18	3	1773	O-Pool		
244	1684 EL 974 SL	NW Wayne	S-19	6-16	6-10	Miss.	Be.	1490	--	--	1516	D-Pool		
245	1420 WL 240 SL	SW Somerset	S-34	7-14	7-14	Pa.	CR	895	40	--	930	G-Pool		
246	510 SL 460 WL	NE Goshen	S-11	9-8	9-1	Miss.	Ke.	1357	--	--	1395	D-Out.	Seis.	
247	882 SL 1270 EL	NW Wayne	S-19	11-3	10-15	Miss.	Ke.	1340	--	--	1359	D-Pool		
	TOTAL BELMONT COUNTY	1-GAS		1-OIL		3-DRY		58-MCF		3-BO		6973 FEET		5 TOTAL WELLS
2	BROWN COUNTY 5500 WL 9800 SL of Twp	Jackson		9-22	9-1	Camb.	Tpl.?	1540	--	--	2100	D-WC	Sur.	
	TOTAL BROWN COUNTY	0-GAS		0-OIL		1-DRY		0-MCF		0-BO		2100 FEET		1 TOTAL WELLS
	BUTLER COUNTY													
2	700 EL 175 SL	SE Wayne	S-6	1-28	1-15	Camb.	EC	2774	--	--	2933	D-WC	Sub.	
	TOTAL BUTLER COUNTY	0-GAS		0-OIL		1-DRY		0-MCF		0-BO		2933 FEET		1 TOTAL WELLS

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Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
206 207 209	CARROLL COUNTY													
	1278 WL 341 NL SW	Lee	S-29	10-20	8-26	Miss.	Be.	1345	--	--	1401	D-Pool	Sub.	
	375 NL 210 WL NE	Rose	S-9	12-14	11-11	Miss.	Be.	1104	--	--	1285	D-WC		
	770 EL 285 WL NW	East	S-31	1-26-61	6-15	Miss.	Be.	1014	--	1	1050	O-Pool		
2 3	TOTAL CARROLL COUNTY	0-GAS		1-OIL		2-DRY		0-MCF		1-BO		3736 FEET		3 TOTAL WELLS
	CLERMONT COUNTY													
	Shot hole 11900 WL 17300 EL of twp.	Stonelick Stonelick	MS-681 --	6-16 7-28	7-3	Camb.	Mt.S.	2990	--	--	3435	D-WC	Sub.	
6 7	TOTAL CLERMONT COUNTY	0-GAS		0-OIL		1-DRY		0-MCF		0-BO		3435 FEET		1 TOTAL WELLS
	CLINTON COUNTY													
	1570 EL 2300 NL 330 WL 2560 SL	Richland Wayne	MS-837 MS-808	3-10 5-19	2-19 3-27	Ord. Pc.	Blk.R. Pc.	1265 3465	-- --	-- --	1678 3465	D-WC D-WC	Seis. Seis.	
516 517 518 519 520 521 522 523 524 525 526 527 528	TOTAL CLINTON COUNTY	0-GAS		0-OIL		2-DRY		0-MCF		0-BO		5143 FEET		2 TOTAL WELLS
	COLUMBIANA COUNTY													
	Completed 1959	West	--	2-24										
	Completed 1959													
	1480 SL 1310 WL NW	Wayne	S-25	9-22	8-26	Dev.	OS	1250	--	--	1845	D-Pool	44 MCF Mxb.	
	Completed 1959													
	1622 WL 208 SL SE	Butler	S-35	4-7	1-1960	Miss.	Be.	685	--	--	750	D-Pool		
	Completed 1959	West	--	1-14										
	Completed 1959	West	--	2-24										
	Completed 1959	West	--	2-24										
	440 EL 1050 NL NE	Madison	S-1	4-21	3-2	Miss.	Be.	614	24	--	690	G-Pool		
	165 WL 615 SL SE	Butler	S-35	4-7	3-13	Miss.	Be.	738	148	--	784	G-Pool		
	1520 WL 370 NL SW	Butler	S-35	5-19	4-21	Miss.	Be.	755	35	--	795	G-Pool		
	980 SL 500 WL NE	Knox	S-16	7-28	7-12	Miss.	Be.	663	--	--	703	D-Pool		
	845 NL 410 WL NW	Butler	S-35	12-1	10-27	Miss.	Be.	715	--	--	830	D-Pool		
1328 1348 1362	TOTAL COLUMBIANA COUNTY	3-GAS		0-OIL		4-DRY		207 MCF		0-BO		6397 FEET		7 TOTAL WELLS
	COSHOCTON COUNTY													
	OWWO	Keene	L-14											
	Completed 1959	Pike	S-23	1-14										
	Completed 1959	Clark	S-13	2-12										

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1369	725 NL 350 EL	N. Castle	L-17 1st Q.	2-12	1-14	Sil.	Cl.	3264	60	35	3326	O-Pool		
1370	Completed 1959													
1371	Completed 1959													
1372	660 NL 660 EL	NW	White Eyes	S-14	1-14	1-5	Miss.	Be.	1080	83	--	1121	G-Pool	
1373	Completed 1959													
1374	Completed 1959		Tiverton	S-23	2-24									
1375	Completed 1959		Clark	S-17	1-14									
1376	Completed 1959		N. Castle	L-16	1-28									
1377	Completed 1959													
1378	Completed 1959		Tiverton	S-20	2-24									
1379	990 SL 330 EL	NE	Tiverton	S-8	6-29	1-14	Sil.	Cl.	3150	2380	25	3220	O-Pool	
1380	Completed 1959		Tiverton	S-22	2-24									
1381	660 NL 330 EL	NE	Tiverton	S-22	2-12	1-18	Sil.	Cl.	3180	--	--	3244	D-Pool	--
1382	500 SL 340 WL		Monroe	L-11, 3rd Q	2-12	2-3	Sil.	Cl.	3379	--	--	3480	D-Ext.	T
1383	649 WL 700 NL		Monroe	L-38 2nd Q	2-24	2-9	Miss.	Be.	895	--	--	1005	D-SP-WC	T
1384	Completed 1959													
1385	1487 NL 830 WL	SW	White Eyes	S-17	2-12	2-5	Miss.	Be.	902	--	--	943	D-Pool	--
1386	417 NL 652 WL	NW	Clark	S-17	2-12	1-23	Sil.	Cl.	3326	--	--	3386	D-Pool	
1387	330 SL 510 EL	SW	White Eyes	S-7	2-12	2-5	Miss.	Be.	1083	94	--	1128	G-Pool	
1388	700 NL 1210 WL		Clark	1st Q	6-2	4-4	Sil.	Cl.	3511	1250	25	3621	O-Pool	
1389	370 NL 330 WL	SW	Tiverton	S-10	2-24	1-28	Sil.	Nbg.	2554	819	--	2568	G-SP-WC	T
1390	700 SL 775 EL	SE	Mill Creek	S-4	4-7	3-4	Sil.	Cl.	3698	20	10	3838	O-Pool	
1391	1021 NL 998 EL	SE	Tiverton	S-3	3-24	3-10	Sil.	Cl.	3320	1930	--	3365	G-Pool	
1392	375 SL 370 WL	NE	Perry	S-4	2-24	2-10	Sil.	Cl.	3245	--	--	3290	D-Pool	
1393	220 SL 820 EL	SW	Tiverton	S-20	2-12	1-16	Sil.	Cl.	3162	420	140	3236	O-Pool	
1394	Completed 1959		Tiverton	S-10	1-28									
1395	660 SL 660 EL	SW	Tiverton	S-3	9-22	5-20	Sil.	Cl.	3368	--	50	3436	O-Pool	
1396	600 SL 600 WL	NE	Clark	S-22	4-7	3-14	Sil.	Cl.	3746	103	75	3816	O-Ext.	T
1397	913 SL 660 EL	SW	Bedford	S-18	3-24	3-11	Sil.	Cl.	3349	--	--	3394	D-WC	R
1398	Active													
1399	970 EL 1320 NL	SE	Clark	S-17	3-24	3-19	Sil.	Cl.	3572	--	--	3643	D-Pool	--
1400	717 SL 302 EL	SW	Tiverton	S-20	5-19	5-1	Sil.	Cl.	3171	300	50	3239	O-Pool	
1401	706 SL 720 EL	SW	Clark	S-13	9-22	4-6	Sil.	Cl.	3567	133	3	3634	O-Pool	
1402	668 SL 660 EL	SE	Monroe	S-22	5-19	4-1	Sil.	Cl.	3520	--	--	3595	D-WC	R
1403	816 SL 840 WL	NE	Tiverton	S-9	6-16	4-6	Sil.	Cl.	3103	168	8	3185	O-Pool	
1404	1148 WL 330 SL		Monroe	L-26 2nd Q	6-16	5-13	Sil.	Cl.	3316	1090	35	3386	O-Pool	
1405	660 NL 1040 WL	NE	Tiverton	S-8	5-5	4-27	Sil.	Cl.	3302	--	--	3402	D-Pool	--
1406	2680 EL 5950 NL		N. Castle	3rd Q	5-5	1960	Sil.	Cl.	3300	40	30	3394	O-Pool	SG
1407	Old well abandoned													
1408	Old well abandoned													
1409	900 SL 1300 WL	NW	Monroe	S-6	8-25	7-5	Sil.	Cl.	3476	297	15	3554	O-Pool	
1410	600 WL 740 NL	SE	Tiverton	S-20	9-22	6-30	Sil.	Nbg.	2190	--	--	3030	D-Pool	
1411	Old well abandoned													
1412	654 WL 1074 SL		Washington	L-36 3rd Q	7-28	6-22	Sil.	Cl.	3425	300	40	3486	O-Pool	
1413	Active													
1414	2000 EL 525 SL	NW	Clark	S-17	9-22	8-24	Sil.	Cl.	3337	758	10	3401	O-Pool	
1415	5040 WL 6280 NL		N. Castle	2nd Q	9-8	7-28	Sil.	Cl.	2850	400	125	2928	O-Pool	
1416	425 WL 680 SL	NE	Perry	S-8	8-11	7-20	Sil.	Cl.	3248	--	--	3310	D-Pool	
1417	775 NL 650 EL		Monroe	L-27	12-14	12-14	Sil.	Cl.	3340	103	--	3394	G-Pool	
1418	180 NL 157 EL	NW	Tiverton	S-21	1-26-61	11-29	Sil.	Cl.	3283	--	35	3356	O-Pool	
1419	505 NL 555 WL	NW	Clark	S-18	--	4-26	Miss.	Be.	750	--	--	799	D-SP-WC	T
1420	Active													
1421	660 SL 550 EL		Monroe	L-26 3rd Q	11-3	9-28	Sil.	Cl.	3363	--	100	3415	O-Ext.	T

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1422	4310 WL 5410 NL	N. Castle	2nd Q	12-29	10-20	Sil.	Cl.	2852	--	20	2924	O-Pool		
1423	114 WL 1012 SL	NW Monroe	S-1	9-22	8-30	Miss.	Be.	725	--	--	950	D-Pool		
1424	441 SL 255 WL	SE White Eyes	S-7	10-6	9-21	Miss.	Be.	1082	84	--	1128	G-Pool		
1425	366 NL 293 WL	SE White Eyes	S-7	11-3	10-21	Miss.	Be.	1032	133	--	1078	G-Pool		
1426	272 NL 301 EL	SE White Eyes	S-7	12-1	11-10	Miss.	Be.	1070	51	--	1121	G-Pool		
1427	660 NL 10330 EL	Clark	1st Q	9-22	9-12	Sil.	Cl.	3536	--	--	3690	D-Pool		
1428	289 SL 364 EL	SE White Eyes	S-7	--	9-30	Miss.	Be.	1030	84	--	1078	G-Pool		
1429	1275 SL 450 WL	NW Pike	S-6	12-1	11-3	Sil.	Cl.	2891	--	40	2971	O-Pool		
1430	225 NL 660 EL	SE Tiverton	S-8	1-12-61	11-23	Sil.	Cl.	3334	103	15	3402	O-Pool		
1431	1190 SL 330 WL	SW Tiverton	S-2	--	11-17	Sil.	Cl.	3224	200	--	3298	G-Pool		
1432	600 WL 780 NL	SE Tiverton	S-20	--	8-29	Sil.	Cl.	3310	--	--	3400	D-Pool		
1433	694 NL 597 WL	NE Tiverton	S-3	11-3	10-20	Sil.	Cl.	3221	--	--	3290	D-Pool		
1434	612 NL 400 EL	SE Tiverton	S-9	12-1	11-11	Sil.	Nbg.	2650	5800	--	2666	G-Ext.		
1435	475 EL 783 NL	SW Clark	S-12	12-1	11-16	Sil.	Cl.	3540	--	--	3800	D-Ext.		
1436	400 NL 410 WL	NW Perry	S-13	1-12-61	11-18	Sil.	Cl.	3158	--	35	3218	O-Pool		
1437	660 SL 330 EL	Monroe	L-39 3rd Q	1-12-61	11-1960	Sil.	Cl.	3237	629	--	3355	G-Pool		
1438	Active													
1439	660 NL 660 WL	Monroe	L-23 3rd Q	1-12-61	12-19	Sil.	Cl.	3500	--	200	3547	O-Pool		
1440	Active													
1441	Active													
1442	Active													
1443	800 NL 840 WL	Monroe	L-27 3rd Q	12-1	10-14	Sil.	Cl.	3199	4000	--	3260	G-Pool		
1444	Active													
	TOTAL COSHOCTON COUNTY	13-GAS		23-OIL		18-DRY		21,832-MCF		1095-BO		157,744	FEET	54 TOTAL WELLS
	CRAWFORD COUNTY													
2	330 SL 330 EL	SW Jackson	S-27	12-14	11-1960	Sil.	Nbg.	--	--	--	793	D-WC	Sub.	
	TOTAL CRAWFORD COUNTY	0-GAS		0-OIL		1-DRY		0-MCF		0-BO		793 FEET		1 TOTAL WELLS
	DELAWARE COUNTY													
2	716 NL 750 EL	Porter	L-16 1st Q	3-24	3-25	Camb.	Tp1.	3601	---	--	3739	D-Ext.	R	SO
3	501 WL 422 SL	Oxford	L-18 1st Q	10-6	9-20	Camb.	Tp1.	2896	---	--	3005	D-WC	U	
4	660 EL 1100 NL	Porter	L-27 1st Q	9-8	8-23	Camb.	Tp1.	3554	---	--	3644	D-Out.	U	SO
5	1950 WL 5000 NL	Kingston	1st Q	12-14	11-1960	Sil.	Nbg.	?	---	--	500 ±	D-WC	U	
6	100 SL 165 EL	Kingston	L-12	12-14	11-1960	Sil.	Nbg.	?	--	--	500 ±	D-WC	U	
7	1860 SL 1485 EL	Oxford	2nd Q 4th Q	12-14	11-1960	Sil.	Nbg.	?	--	--	500 ±	D-WC	U	
	TOTAL DELAWARE COUNTY	0-GAS		0-OIL		6-DRY		0-MCF		0-BO		11,888	FEET	6 TOTAL WELLS

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
7	ERIE COUNTY 1350 NL 1200 WL	Florence	L-48	11-3	10-15	Pc.	Pc.	4397	--	--	4417	D-WC	U	
	TOTAL ERIE COUNTY	0-GAS		0-01L		1-DRY		0-MCF		0-BO		4417 FEET		1 TOTAL WELLS
	FAIRFIELD COUNTY													
281	Completed 1959	Rush Creek	--	10-22										
283	Completed 1959	Rush Creek	--	1-14										
284	900 WL 200 NL	NE Rush Creek	S-26	2-24	1960	Sil.	C1.	2615	100	25	2655	O-Pool		
285	735 WL 80 SL	SW Rush Creek	S-22	4-21	1-27	Sil.	C1.	2468	--	25	2515	O-Pool		
286	635 EL 610 SL	NE Walnut	S-26	4-21	3-31	Sil.	C1.	2299	--	--	2430	D-Ext.	R	
287	890 EL 330 SL	NE Violet	S-8	9-22	5-20	Camb.	Tpl.	3258	--	3	3328	O-WC	R	Disc. Pickerington
288	1240 SL 910 WL	SW Rush Creek	S-12	7-14	6-29	Sil.	C1.	2605	--	--	2736	D-Pool		
289	920 EL 400 NL	SE Rush Creek	S-13	8-11	7-28	Sil.	C1.	2798	--	60	2838	O-Pool		
290	908 SL 660 EL	NE Rush Creek	S-29	6-29	6-1960	Sil.	C1.	2511	--	--	2580	D-Pool		
291	Active													
292	832 WL 445 NL	NE Rush Creek	S-35	8-25	7-29	Sil.	C1.	2617	350	25	2641	O-Pool		
293	940 SL 550 WL	SW Rush Creek	S-22	9-8	9-1	Sil.	C1.	2484	--	360	2510	O-Pool		
294	1640 SL 840 WL	SW Rush Creek	S-21	10-20	9-29	Sil.	C1.	2411	50	45	2455	O-Pool		
295	See P-304	Rush Creek	--	11-17	10-1	--	--	--	--	--	--	--	--	Lost hole
296	1966 NL 1429 WL	NE Rush Creek	S-35	10-20	10-24	Sil.	C1.	2565	10	46	2606	O-Pool		
297	400 NL 920 WL	SE Rush Creek	S-13	1-26-61	12-7	Sil.	C1.	2794	--	25	2830	O-Pool		
298	400 EL 200 NL	SW Rush Creek	S-21	1-12-61	12-9	Sil.	C1.	2416	--	35	2448	O-Pool		
299	1966 NL 667 WL	NE Rush Creek	S-35	1-26-61	11-1960	Sil.	C1.	2559	--	25	2605	O-Pool		
300	330 NL 330 EL	SW Richland	S-16	1-26-61	12-19	Sil.	C1.	2518	3000	400	2546	O-WC	Sub.	Disc. North Rushville
301	1380 WL 250 SL	NE Rush Creek	S-21	1-12-61	12-14	Sil.	C1.	2446	--	28	2474	O-Pool		
304	975 NL 350 EL	SE Rush Creek	S-13	--	11-2	Sil.	C1.	2765	30	75	2796	O-Pool		Lost P-295
	TOTAL FAIRFIELD COUNTY	0-GAS		14-01L		3-DRY		3540-MCF		1177-BO		44,993 FEET		17 TOTAL WELLS
	FAYETTE COUNTY													
6	330 SL 2500 EL	Perry	MS-5431	2-12	2-8	Ord.	On.	1872	--	--	1879	D-WC	Seis.	
	TOTAL FAYETTE COUNTY	0-GAS		0-01L		1-DRY		0-MCF		0-BO		1879 FEET		1 TOTAL WELLS
	FULTON COUNTY													
15	1650 WL 810 NL	SW York	S-27	10-20	9-12	Camb.	Tpl.?	?	--	--	2820	D-WC	T	
	TOTAL FULTON COUNTY	0-GAS		0-01L		1-DRY		0-MCF		0-BO		2820 FEET		1 TOTAL WELLS

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					OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
	GALLIA COUNTY														
102	800 EL 1050 NL	NE	Addison	S-21	5-19	5-4	Miss.	Be.	1533	265	--	1621	G-Pool	T	Disc. Waterloo
103	800 SL 340 WL	NE	Walnut	S-30	8-11	6-15	Sil.	Cl.	3320	2500	--	3352	G-WC		
104	690 SL 640 WL	SW	Addison	S-16	7-28	7-11	Miss.	Be.	1493	168	--	1579	G-Pool		
105	1150 NL 1100 WL	NW	Addison	S-21	9-22	9-6	Miss.	Be.	1716	260	--	1802	G-Pool		
106	1800 SL 1910 EL	SE	Springfield	S-27	10-6	9-10	Pa.	Mxb.	690	--	--	700	D-WC	R	
	TOTAL GALLIA COUNTY		4-GAS		0-OIL		1-DRY		3193-MCF		0-BO		9054 FEET		5 TOTAL WELLS
	GUERNSEY COUNTY														
770	Completed 1959		Richland	--	3-10									--	SO&G
773	875 WL 840 SL	SW	Valley	S-8	3-10	1-30	Miss.	Be.	1199	--	--	1209	D-WC		
774	597 NL 1080 WL	SW	Richland	S-20	4-7	3-28	Miss.	Be.	1322	500	--	1332	G-Pool		
775	223 SL 1140 EL	NW	Richland	S-20	6-16	6-6	Miss.	Be.	1262	--	--	1310	D-Pool		
776	875 SL 1072 WL	SW	Valley	S-8	8-11	8-5	Miss.	Ke.	585	--	--	631	D-Pool		
777	1120 EL 200 SL	SW	Cambridge	S-4	12-14	10-11	Miss.	Be.	1262	25	3	1339	O-Pool		
	TOTAL GUERNSEY COUNTY		1-GAS		1-OIL		3-DRY		525-MCF		3-BO		5821 FEET		5 TOTAL WELLS
	HARRISON COUNTY														
90	1617 NL 443 WL	NE	Franklin	S-34	2-24	2-10	Pa.	Mxb.	444	--	--	500	D-Ext.	R	
	TOTAL HARRISON COUNTY		0-GAS		0-OIL		1-DRY		0-MCF		0-BO		500 FEET		1-TOTAL WELLS
	HENRY COUNTY														
20	330 WL 990 NL	NW	Freedom	S-23	1-26-61	12-25	Ord.	On.	2544	--	--	2636	D-WC	R	
	TOTAL HENRY COUNTY		0-GAS		0-OIL		1-DRY		0-MCF		0-BO		2636 FEET		1 TOTAL WELLS
	HOCKING COUNTY														
652	Completed 1959		Marion	--	2-12									G-Pool	
653	Completed 1959		Marion	--	2-12										
654	1200 EL 1110 SL	NW	Marion	S-34	8-25	7-5	Sil.	Nbg.	2281	800	--	2290	G-Pool		
655	Completed 1959		Marion	--	1-28										
656	Completed 1959		Marion	--	1-28									D-Pool	
657	Completed 1959		Marion	--	1-28										
658	Completed 1959		Marion	--	1-28										
659	1320 WL 660 SL	NE	Washington	S-15	2-12	1-23	Sil.	Cl.	2692	--	--	2737	D-Pool		
660	660 SL 660 EL	SE	Marion	S-26	2-12	1-1960	Sil.	Cl.	2788	40	47	2817	O-Pool		
661	Completed 1959		Marion	--	1-28										
662	Completed 1959		Marion	--	1-28										
663	400 SL 50 EL	SE	Marion	S-28	4-7	2-12	Sil.	Cl.	2674	40	10	2719	O-Pool		

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Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
664	585 SL 370 WL	NE	Marion	S-36	2-24	1-14	Sil.	Cl.	2756	250	65	2786	O-Pool	
665	Active													
666	709 WL 330 NL	NW	Green	S-36	3-24	2-25	Sil.	Cl.	2651	50	80	2682	O-Ext.	R
667	850 WL 487 SL	SW	Marion	S-26	4-21	2-27	Sil.	Cl.	2555	60	8	2780	O-Pool	
668	141 NL 1020 WL	NW	Starr	S-21	4-7	3-28	Sil.	Cl.	3145	--	--	3212	D-Pool	
669	400 SL 920 EL	SE	Benton	S-28	3-10	5-11	Miss.	Be.	809	--	30	850	O-Pool	
670	500 SL 750 WL	NE	Marion	S-33	6-16	5-2	Sil.	Cl.	2522	250	35	2561	O-Pool	
671	1980 NL 660 WL	NW	Falls Gore	S-31	5-19	4-28	Sil.	Cl.	2777	--	78	2808	O-Ext.	Sub.
672	680 WL 330 SL	SE	Marion	S-36	6-16	1960	Sil.	Cl.	2656	--	59	2681	O-Pool	
673	960 SL 660 WL	SE	Marion	S-36	--	6-21	Sil.	Cl.	2742	--	60	2774	O-Pool	
674	330 EL 960 SL	SW	Marion	S-36	6-29	5-23	Sil.	Cl.	2706	--	3	2735	O-Pool	
675	1462 NL 638 WL	NE	Marion	S-36	4-21	3-29	Sil.	Cl.	2733	100	100	2758	O-Pool	
676	1095 EL 630 NL	SE	Benton	S-28	5-5	4-18	Miss.	Be.	830	23	--	832	G-Pool	
677	645 EL 845 NL	SE	Marion	S-26	6-29	6-10	Sil.	Cl.	2676	60	60	2694	O-Pool	
678	1880 WL 660 NL	NW	Marion	S-25	7-14	6-14	Sil.	Cl.	2783	59	46	2794	O-Pool	
679	660 SL 660 EL	NW	Marion	S-26	7-14	6-13	Sil.	Cl.	2826	--	69	2859	O-Pool	-- 118 BW
680	800 EL 344 SL	SE	Marion	S-36	7-14	6-25	Sil.	Cl.	2677	--	95	2726	O-Pool	
681	310 SL 385 WL	SW	Marion	S-34	7-14	6-17	Sil.	Cl.	2747	30	10	2788	O-Pool	
682	608 WL 546 NL	SW	Falls Gore	S-31	7-14	6-7	Sil.	Cl.	2683	90	85	2717	O-Pool	
683	330 SL 660 WL	SE	Marion	S-36	8-11	6-22	Sil.	Cl.	2740	133	116	2770	O-Pool	
684	330 NL 990 WL	SE	Marion	S-36	9-8	8-15	Sil.	Cl.	2806	133	70	2833	O-Pool	
685	660 NL 620 WL	NW	Falls Gore	S-30	7-28	7-6	Sil.	Cl.	2754	30	60	2795	O-Ext.	T 40 BW
686	330 NL 970 EL	NE	Falls	S-1	9-8	7-28	Sil.	Cl.	2649	50	20	2689	O-Pool	
687	330 NL 370 EL	NW	Falls	S-1	9-8	9-8	Sil.	Cl.	2702	30	40	2734	O-Pool	
688	1300 WL 400 SL	SW	Marion	S-25	8-25	7-23	Sil.	Cl.	2662	--	110	2700	O-Pool	
689	880 NL 880 EL	NE	Marion	S-36	8-11	7-15	Sil.	Cl.	2669	10	30	2702	O-Pool	
690	Active													
691	1049 EL 370 SL	NW	Green	S-26	9-8	8-9	Sil.	Cl.	2756	50	40	2800	O-Out.	U
692	1160 SL 950 EL	SE	Marion	S-36	9-8	8-23	Sil.	Cl.	2697	30	27	2757	O-Pool	
693	Old well abandoned													
694	406 SL 1080 EL	SW	Marion	S-36	9-22	8-15	Sil.	Cl.	2774	--	35	2807	O-Pool	
695	1175 NL 330 WL	NW	Falls	S-34	9-8	8-11	Sil.	Cl.	2575	400	10	2637	O-Pool	
696	650 SL 670 EL	NW	Marion	S-24	9-8	8-18	Sil.	Cl.	2878	--	45	2901	O-Pool	
697	550 EL 990 NL	SW	--	S-26	--	8-12	Sil.	Cl.	2879	35	35	2890	O-Pool	
698	660 NL 1703 WL	Twp.	Falls Gore	--	9-8	8-20	Sil.	Cl.	2909	300	100	2940	O-Pool	
699	OWWO - Storage		Benton	S-30	9-8									
700	660 EL 50 NL	NE	Marion	S-36	10-20	9-8	Sil.	Cl.	2738	40	50	2770	O-Pool	
701	640 NL 620 WL	NE	Washington	S-27	10-6	9-6	Sil.	Cl.	2807	2420	110	2845	O-Pool	
702	660 NL 660 EL	SE	Starr	S-31	10-20	9-15	Sil.	Cl.	3048	100	--	3079	G-Pool	
703	540 NL 220 EL	SE	Marion	S-36	10-6	9-21	Sil.	Cl.	2750	10	42	2784	O-Pool	
704	1050 SL 500 WL	SW	Falls Gore	S-31	11-3	10-11	Sil.	Cl.	2664	--	70	2718	O-Pool	
705	500 SL 660 EL	NE	Marion	S-26	10-20	9-14	Sil.	Cl.	2629	50	70	2665	O-Pool	
706	1200 WL 950 SL	SW	Marion	S-36	11-3	10-15	Sil.	Cl.	2776	30	70	2804	O-Pool	
707	2000 NL 860 EL	NW	Falls	S-1	9-29	11-26	Sil.	Cl.	2780	35	50	2803	O-Pool	
708	330 EL 2640	SE	Marion	S-27	12-1	10-6	Sil.	Cl.	2816	25	30	2850	O-Out.	U
709	700 EL 400 SL	SW	Marion	S-23	10-20	9-6	Sil.	Cl.	2683	--	--	2769	D-Pool	-- SO&W
710	424 NL 178 EL	NE	Falls	S-1	10-20	9-28	Sil.	Cl.	2717	--	65	2759	O-Pool	
711	1790 NL 1650 WL	NW	Falls Gore	S-30	10-20	9-30	Sil.	Cl.	2742	70	70	2771	O-Pool	
712	2030 EL 725 SL	NW	Green	S-25	11-3	10-28	Sil.	Cl.	2802	--	--	2837	D-Pool	
713	330 EL 660 SL	NE	Benton	S-27	9-22	9-13	Miss.	Be.	655	--	--	694	D-Ext.	R
714	1070 NL 330 WL	NE	Green	S-36	12-1	11-1960	Sil.	Cl.	2868	1500	20	2905	O-Pool	
715	525 WL 329 NL	NE	Marion	S-35	11-3	10-18	Sil.	Cl.	2721	30	65	2752	O-Pool	
716	660 NL 660 WL	NW	Marion	S-36	12-1	10-31	Sil.	Cl.	2714	--	50	2749	O-Pool	
717	330 NL 380 EL	NW	Washington	S-27	11-17	10-18	Sil.	Cl.	2830	500	100	2873	O-Pool	
718	1115 NL 330 WL	NE	Marion	S-34	12-29	11-29	Sil.	Cl.	2715	75	50	2753	O-Pool	
719	2010 EL 967 SL	SE	Washington	S-34	12-14	10-9	Sil.	Cl.	2771	240	6	2888	O-Pool	
720	990 SL 330 EL	SW	Washington	S-16	11-17	11-5	Sil.	Cl.	2775	--	--	2723	D-Ext.	Sub.
721	330 NL 330 EL	NW	Falls Gore	S-31	12-14	11-6	Sil.	Cl.	2782	--	65	2825	O-Pool	-- 110 BW

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD					
722	211 EL 160 SL	NE	Marion	S-11	12-1	11-18	Sil.	C1.	2763	--	--	2812	D-Ext.	U	
723	1918 NL 920 WL	NW	Falls	S-1	12-29	11-23	Sil.	C1.	2720	50	90	2755	O-Pool		
724	Active														
725	835 WL 614 NL	SW	Falls Gore	S-30	12-1	11-16	Sil.	C1.	2838	--	35	2890	O-Pool		
726	1000 EL 500 NL	SW	Marion	S-36	12-29	11-25	Sil.	C1.	2728	50	80	2759	O-Pool		
727	Active														
728	400 NL 500 WL	SE	Marion	S-12	12-29	11-18	Sil.	C1.	2850	50	20	2888	O-Ext.	T	
729	400 SL 920 EL	NW	Marion	S-36	12-14	11-26	Sil.	C1.	2740	30	70	2770	O-Pool		
730	1270 SL 1755 WL	SW	Falls Gore	S-31	12-14	12-1	Sil.	C1.	2682	700	135	2740	O-Pool		
731	Storage ?														
732	330 SL 300 WL	SE	Washington	S-22	12-14	11-29	Sil.	C1.	2906	1000	135	2943	O-Pool		
733	1706 WL 475 NL	SW	Washington	S-27	1-26-61	12-19	Sil.	C1.	2853	--	60	2881	O-Pool		
734	630 NL 693 EL	SW	Marion	S-35	1-26-61	12-21	Sil.	C1.	2797	700	20	2853	O-Ext.	T	
735	570 NL 630 EL	SW	Starr	S-33	12-1	12-2	Sil.	C1.	3027	--	--	3078	D-Pool		
736	660 SL 660 WL	SE	Marion	S-13	12-29	12-8	Sil.	C1.	2892	200	50	2927	O-Ext.	T	
737	Active														
738	Active														
739	Active														
740	Active														
741	Active														
742	Active														
743	Active														
744	Active														
745	Active														
746	Active														
747	Active														
748	Active														
749	Active														
750	Active														
751	Active														
752	Active														
753	Active														
754	Active														
755	Active														
756	Active														
757	1110 SL 2300 EL	SE	Marion	S-34	1-12-61	12-27	Sil.	Nbg.	2250	979	--	2251	G-Pool		
	TOTAL HOCKING COUNTY	4-GAS			59-OIL		8-DRY		11,937-MCF		3,356-BO		191,818	FEET	71 TOTAL WELLS
	HOLMES COUNTY														
1063	595 SL 985 EL	Monroe	L-11	12-1	7-5	Miss.	Be.	900	--	--	955	D-Pool	--	SO	
1068	2129 EL 1350 SL	NE	Killbuck	1st Q. S-6	6-29	4-30	Sil.	C1.	3296	50	60	3375	O-Pool		
(908)															
1074	Completed 1959 OWDD	Knox	--	6-16											
1086	Completed 1959	Killbuck		1-14											
1087	Completed 1959														
1088	Completed 1959														
1089	Completed 1959														
1090	Completed 1959														
1091	Completed 1959	Knox		1-14											
1092	Completed 1959	Hardy		2-24											
1093	Completed 1959														
1094	Completed 1959														
1095	Completed 1959														

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1147	400 SL 1680 WL	Knox	L-11	1-26-61	12-29	Sil.	C1.	3075	1260	--	3151	G-Pool		
1148	Active		2nd Q.											
1149	Active													
1150	660 NL 700 WL	SW Prairie	S-34	1-26-61	11-16	Sil.	C1.	3286	--	--	3357	D-Ext.	R --	75 MCF, 3 BO Abd. 1-11-61
1151	350 SL 1140 WL	Monroe	L-12	12-14	11-10	Sil.	C1.	3510	145	5	3578	O-Pool		
1152	660 NL 1340 EL	Monroe	1st Q.											
1153	Active		L-17	1-12-61	12-10	Sil.	C1.	3370	311	51	3500	G-Pool		
1154	660 SL 660 WL	SW Killbuck	S-2	12-14	11-22	Sil.	C1.	3161	--	100	3223	O-Pool		
1155	595 SL 630 WL	SW Prairie	S-28	1-12-61	12-9	Sil.	C1.	3276	200	50	3368	O-Pool		
1156	1545 SL 810 WL	SW Mechanic	S-22	1-26-61	12-10	Miss.	Be.	1155	100	--	1347	G-Pool		
1157	330 NL 310 WL	SE Killbuck	S-16	--	11-18	Sil.	C1.	3159	--	75	3244	O-Pool		
1158	619 SL 188 EL	SE Richland	S-24	1-26-61	12-30	Sil.	C1.	3279	2224	--	3355	G-Pool		
TOTAL HOLMES COUNTY		12-GAS		24-OIL		14-DRY		17,576-MCF		1,590-BO		153,376	FEET	50 TOTAL WELLS
JACKSON COUNTY														
68	227 SL 218 WL	NW Hamilton	S-24	11-3	3-31	Miss.	Ham.	627	50	--	659	G-Pool	--	Domestic
TOTAL JACKSON COUNTY		1-GAS		0-OIL		0-DRY		50-MCF		0-BO		659 FEET		1 TOTAL WELLS
JEFFERSON COUNTY														
326	1120 NL 99 EL	NE Knox	S-7	4-21	2-1	Miss.	Inj.	850	--	--	995	D-Pool		
327	1981 NL 330 WL	NW Salem	S-33	7-14	5-1	Miss.	2nd Be.	1408	--	--	1423	D-WC	R	
328	1947 WL 2280 NL	NW Island Cr.	S-34W	7-14	6-1	Miss.	2nd Be.	1430	--	--	1504	D-Ext.	R	
329	1060 EL 550 NL	NE Knox	S-7	6-29	5-27	Miss.	Inj.	860	--	--	1015	D-Pool		
330	1011 457 SL	SE Cross Creek	S-7	10-6	8-23	Miss.	2nd Be.	1673	--	--	1715	D-Pool	--	SSO
TOTAL JEFFERSON COUNTY		0-GAS		0-OIL		5-DRY		0-MCF		0-BO		6,652 FEET		5 TOTAL WELLS
KNOX COUNTY														
1245	Completed 1959	SW Clay	S-18	3-10		Sil.	C1.	NR	--	--	3050	D-Pool	--	Lost tools
1249	545 WL 745 NL	Jefferson	S-4	1-26-61	12-1960									
1270	Completed 1959	Howard	L-16	2-12										
1271	Cancelled location		2nd Q.											
1289	Completed 1959 OWDD	Howard	L-1	1-28										
1308	Completed 1959	Howard	4th Q.											
			L-10	1-14										
			1st Q.											
None	Same as P-1376	Jefferson	S-12N	1-28										
1311	Completed 1959	Harrison	S-12	5-19										
1320	Completed 1959	Harrison	S-18	5-5										
1321	Completed 1959	Jefferson	S-12N	1-14										
1322	Completed 1959	Harrison	S-18	4-7										

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1330	470 NL 475 WL		Howard	L-26 2nd Q.	2-24	1-25	Sil.	Cl.	2740	--	125	2794	O-Pool	
1331	330 NL 2160 EL	NE	Jackson	S-16	3-24	1-29	Sil.	Cl.	2702	--	23	2766	O-Pool	
1332	1404 NL 370 WL	NE	Harrison	S-23	1-28	1-18	Sil.	Cl.	2719	--	--	2795	D-Pool	
1333	1318 SL 857 WL		Knox	L-1 2nd Q.	1-28	1-14	Miss.	Be.	590	--	--	601	D-Pool	
1334	1630 WL 839 SL	SE	Brown	S-22	4-7	3-21	Sil.	Cl.	2693	--	--	2761	D-Pool	
1335	1120 EL 1000 SL		Howard	L-16 2nd Q.	--	5-10	Sil.	Cl.	2704	--	20	2778	O-Pool	
1336	OWDD in 1959													
1337	Old well abandoned													
1338	1920 NL 60 EL		Howard	L-13 4th Q.	4-21	3-30	Sil.	Cl.	2648	--	--	2684	D-Ext.	R
1339	330 SL 338 EL		Harrison	L-32 1st Q.	4-21	3-15	Sil.	Cl.	2734	--	200	2786	O-Pool	
1340	542 SL 300 EL	NW	Jefferson	S-2	4-7	3-17	Sil.	Cl.	2934	200	50	2992	O-Pool	
1341	990 NL 990 EL		Howard	L-10 2nd Q.	3-24	3-5	Sil.	Cl.	2546	300	7	2628	O-Pool	
1342	1500 SL 890 WL		Union	L-30	4-21	5-4	Sil.	Cl.	3008	--	--	3070	D-Ext.	T
1343	Gas storage		Butler	S-23	4-21	6-29								
1344	Old well abandoned													
1345	1296 EL 1700 NL	NE	Harrison	S-20	5-5	4-11	Sil.	Cl.	2892	--	75	2968	O-Pool	
1346	400 EL 2400 NL	NE	Harrison	S-20	8-1F	6-27	Sil.	Cl.	2893	56	169	2963	O-Pool	
1347	3260 SL 12640 WL		Howard	Twp.	5-19	5-29	Sil.	Cl.	2521	200	--	2571	G-Pool	
1135	Completed 1956		Howard	L-3 1st Q.	6-2									
118	OWWO		Butler	--	9-8									
1329	448 NL 760 EL	NE	Jefferson	S-10	5-19	6-7	Sil.	Cl.	2855	--	--	2921	D-Pool	-- GSO&G
1328	Cancelled location													
1348	350 SL 20 WL	NE	Jefferson	S-2	6-16	5-21	Sil.	Cl.	3005	2000	100	3069	O-Pool	
1349	2060 SL 350 WL		Howard	L-9 4th Q.	6-16	5-25	Sil.	Cl.	2664	619	40	2712	O-Pool	
1350	1220 WL 740 SL	SW	Clay	S-14	6-29	6-21	Miss.	Be.	740	--	--	750	D-Ext.	R
1351	Old well abandoned													
1352	500 SL 1580 EL	NE	Jefferson	S-12	6-16	5-17	Sil.	Nbg.	2461	73	8	2520	O-Pool	
1353	1088 WL 956 NL		Harrison	L-31 1st Q.	7-14	6-16	Sil.	Cl.	2782	--	25	2847	O-Pool	
1354	Old well abandoned													
1355	Old well abandoned													
1356	450 WL 400 NL		Howard	L-29 1st Q.	8-25	7-21	Sil.	Cl.	2660	--	40	2716	O-Pool	
1357	1150 EL 800 NL	SW	Butler	S-21	9-8	8-2	Sil.	Cl.	3074	--	25	3126	O-Ext.	R
1358	600 SL 450 EL		Howard	L-25 1st Q.	8-11	7-11	Sil.	Cl.	2715	200	20	2787	O-Pool	
1359	2176 SL 330 EL		Howard	L-7 4th Q.	8-25	7-28	Sil.	Cl.	2629	500	40	2691	O-Pool	
1360	742 SL 1155 EL		Howard	L-24 3rd Q.	10-6	9-23	Sil.	Cl.	2498	250	--	2559	G-Pool	
1361	375 SL 550 EL		Harrison	L-30 1st Q.	8-25	7-28	Sil.	Cl.	2795	858	--	2868	G-Pool	
1362	785 NL 745 EL		Union	L-19	7-14	7-12	Sil.	Cl.	2868	3458	--	2921	G-Pool	
1363	400 EL 1010 SL	NE	Harrison	S-21	8-25	8-5	Sil.	Cl.	2955	2500	5	3001	G-Pool	
1364	300 NL 1460 EL		Howard	L-26 3rd Q.	12-29	12-29	Miss.	Be.	544	--	2	551	O-Pool	
1365	450 NL 375 WL		Howard	L-30 1st Q.	10-6	8-31	Sil.	Cl.	2617	500	20	2695	O-Pool	
1366	1640 WL 380 SL		Howard	L-9 1st Q.	1-26-61	11-23	Sil.	Cl.	2660	281	5	2720	O-Pool	
1367	777 WL 200 SL	NW	Butler	S-16	10-20	9-20	Sil.	Cl.	2883	75	30	2950	O-Pool	

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1368	OWWO Orig. 1259													
1369	680 NL 660 WL	Union	L-18	11-3	10-2	Sil.	Cl.	3086	230	104	3147	O-Ext.	R	
1370	330 SL 330 EL	NW	1st Q											
1371	1375 NL 330 EL	NE	S-22	10-20	10-5	Sil.	Cl.	2743	--	--	2856	D-Pool		
1372	475 WL 1020 SL	SW	S-5	11-17	10-18	Sil.	Cl.	2908	260	20	2974	O-Pool		
			Fr.	--	10-1	Sil.	Cl.	2750	--	--	2809	D-Pool		
1373	1584 EL 450 SL	Harrison	S-11											
			L-23	10-6	8-22	Sil.	Cl.	2750	100	5	2830	O-Pool		
1374	1300 NL 450 EL	Howard	1st Q											
			L-29	11-17	10-15	Sil.	Cl.	2637	300	--	2707	G-Pool		
1375	1136 NL 230 WL	SW	1st Q											
1376	700 NL 1000 WL	SE	S-12	--	10-1	Miss.	Be.	778	--	4	815	O-Pool		
1377	750 SL 700 WL	SE	S-12W	1-28	1-9	Sil.	Nbg.	2562	168	14	2570	O-Pool		
			L-19	11-3	10-21	Sil.	Cl.	2691	700	--	2739	G-Pool		
1378	330 SL 820 EL	NW	4th Q											
1379	1940 SL 330 EL	Howard	S-15	12-29	12-29	Sil.	Cl.	2869	188	10	2942	O-Ext.	U	
			L-9	12-29	11-12	Sil.	Cl.	2740	10	4	2797	O-Pool		
1380	570 SL 500 WL	Harrison	4th Q											
			L-31,	12-14	10-26	Sil.	Cl.	2753	--	20	2812	O-Pool		
1381	Active		1st Q											
1382	Active													
1383	660 NL 600 WL	Union	L-15	12-29	11-15	Sil.	Cl.	2839	--	10	2892	O-Pool		
1384	750 EL 166 SL	NW	S-23	12-14	11-25	Sil.	Cl.	2728	--	--	2847	D-Pool		
1385	335 NL 330 WL	Union	L-14	12-29	1-5	Sil.	Cl.	2868	--	--	2952	D-Pool		
1386	Active													
1388	Active													
1389	Active													
1390	400 NL 380 WL	Union	L-13	1-12-61	12-1960	Sil.	Cl.	3062	--	42	3140	O-Pool		
TOTAL KNOX COUNTY		7-GAS		29-OIL		12-DRY		14,026-MCF		1262-BO		130,440	FEET	49 TOTAL WELLS
LICKING COUNTY														
1650-9	250 EL 700 NL	SW	Perry	S-9	--	10-16	Miss.	Be.	596	--	1	615	O-Pool	
1665-A4	Cancelled location	Fallsbury	S-23	6-16										
1669	Completed 1958	Mary Ann	L-9	1-14	2-26	Miss.	Be.	576	8	--	581	G-Pool		
1681	Completed 1959		1st Q											
1682	1050 NL 900 EL	Madison	4th Q	1-14										
1715	Cancelled location	NE	Fallsbury	S-22	5-5	4-27	Sil.	Nbg.	2935	--	--	2955	D-Pool	--
1758	Completed 1959													
1759	Old well abandoned													
1760	1060 NL 990 WL	SE	Perry	S-2	1-14									
1761	Completed 1959	Fallsbury	S-22	9-22	8-12	Sil.	Cl.	2952	--	40	3009	O-Pool		
1762	Completed 1959	Fallsbury	S-11	1-14										
1763	Completed 1959													
1764	Completed 1959	Madison	L-12	1-28										
1765	1060 EL 330 NL		4th Q											
1766	Completed 1959	Perry	S-10	1-14										
1767	Completed 1959	Fallsbury	S-7	1-28	1-2	Sil.	Cl.	2901	--	20	2969	O-Ext.	U	
1768	Completed 1959													
1769	Completed 1959													
1770	330 NL 330 EL	SW	Fallsbury											

Schedule 1
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1771	1075 NL 250 WL	Newton	L-2	--	1-6	Miss.	Be.	658	--	--	665	D-Pool		
1772	1350 SL 1200 EL	Hopewell	1st Q. L-1	1-14	1960	Sil.	Cl.	3020	180	10	3074	O-Pool		
1773	Completed 1959		2nd Q.											
1774	650 WL 500 SL	Madison	L-12	1-28	1-8	Sil.	Cl.	2562	--	--	2622	D-Ext.	U	
1775	565 SL 660 WL	NE Fallsbury	4th Q. S-10	2-12	1-23	Sil.	Cl.	3015	--	--	3082	D-Pool		
1776	520 SL 240 SL	SE Fallsbury	S-10	2-24	1-7	Miss.	Be.	648	--	--	661	D-Pool		
1777	330 WL 750 NL	NE Perry	S-2	3-10	1-26	Sil.	Cl.	3004	--	120	3053	O-Pool		
1778	825 SL 500 WL	NW Hopewell	S-21	3-10	2-3	Sil.	Cl.	3151	--	60	3193	O-Pool		
1779	795 NL 590 WL	Hopewell	L-9	3-24	2-18	Sil.	Cl.	2901	--	--	2963	D-Ext.		
1780	990 EL 1250 NL	NE Fallsbury	2nd Q. S-12	3-24	2-26	Sil.	Cl.	3088	--	350	3143	O-Pool		
1781	Active													
1782	1700 NL 1010 WL	NW Fallsbury	S-11	6-2	3-25	Sil.	Cl.	2990	--	150	3065	O-Pool		
1783	525 WL 870 SL	SW Fallsbury	S-20	2-12	1-22	Miss.	Be.	719	--	1	735	O-Pool		
1784	Cancelled location													
1785	340 WL 10 NL	NE Perry	S-2	5-5	3-10	Sil.	Cl.	2982	500	20	3042	O-Pool		
1786	1010 WL 700 NL	NE Perry	S-2	4-7	3-10	Sil.	Cl.	2954	1000	150	3018	O-Pool		
1787	200 EL 870 SL	Newton	L-2	8-11	7-22	Miss.	Be.	682	--	--	690	D-Pool	--	GSO
1788	1040 WL 210 NL	NW Fallsbury	1st Q. S-11	8-11	1960	Miss.	Be.	759	--	--	769	D-Pool		
1789	660 SL 990 EL	SE Fallsbury	S-22	6-16	4-27	Sil.	Cl.	2941	--	150	3000	O-Pool		
1790	Permit to plug													
1791	Old well abandoned													
1792	400 EL 1800 SL	NE Hopewell	S-22	6-16	5-28	Sil.	Cl.	3154	--	--	3216	D-Ext.	T	
1793	OWDD	Hopewell	S-2	--	4-19									
1794	275 NL 250 WL	NW Perry	S-9	7-28	6-11	Miss.	Be.	638	--	3	650	O-Pool		
1795	700 SL 600 WL	Franklin	L-15	6-16	5-30	Miss.	Be.	670	--	2	687	O-Pool		
1796	950 NL 180 WL	NW Perry	2nd Q. S-1	7-14	6-27	Miss.	Be.	763	20	2	790	O-Pool		
1797	Old well abandoned													
1798	Permit to plug													
1799	975 EL 700 SL	NW Perry	S-17	6-2	5-10	Miss.	Be.	605	--	1	619	O-Pool		
1800	330 EL 1040 NL	NW Perry	S-2	7-14	6-11	Sil.	Cl.	2970	--	60	3030	O-Pool		
1801	430 SL 300 EL	NE Fallsbury	S-12	6-29	6-13	Sil.	Cl.	3021	--	150	3078	O-Pool		
1802	400 NL 120 EL	SE Fallsbury	S-12	7-28	7-12	Sil.	Cl.	3055	100	40	3121	O-Pool		
1803	3386 WL 5380 NL	Hartford	Twp. 4th Q. L-2	9-8	9-2	Ord.	Shak.?	3822	--	--	3882	D-WC	Sur.	SG Tren.
1804	950 WL 990 NL	NE Fallsbury	S-22	8-11	6-60	Sil.	Cl.	2980	--	35	3052	O-Pool		
1805	1650 NL 370 EL	SW Fallsbury	S-22	8-25	7-22	Sil.	Cl.	2972	--	30	3035	O-Pool		
1806	1300 NL 625 EL	NW Perry	S-17	7-14	6-15	Miss.	Be.	681	--	3	694	O-Pool		
1807	900 NL 400 EL	SE Perry	S-24	8-11	7-20	Sil.	Cl.	2812	--	100	2873	O-Pool		
1808	700 NL 5 WL	Fallsbury	S-4	8-25	8-15	Sil.	Cl.	2748	206	50	2825	O-Pool		
1809	2090 NL 750 WL	Franklin	L-5	11-3	10-15	Miss.	Be.	765	--	4	779	O-Pool		
1810	Active		3rd Q.											
1811	600 SL 600 WL	NE Perry	S-2	8-11	7-19	Miss.	Be.	770	--	3	784	O-Pool		
1812	200 SL 200 WL	NE Perry	S-2	7-28	1960	Miss.	Be.	795	--	3	809	O-Pool		
1813	990 EL 330 SL	NE Fallsbury	S-12	9-22	8-23	Sil.	Cl.	3002	--	100	3075	O-Pool		
1814	Permit to plug													
1815	500 SL 0 EL	NW Fallsbury	S-7	10-20	9-6	Sil.	Cl.	2954	188	75	3012	O-Pool	Sub.	
1816	Permit to plug													
1817	450 SL 765 EL	SE Fallsbury	S-9	11-3	9-24	Sil.	Cl.	2987	--	60	3047	O-Pool		
1818	1000 SL 600 WL	NE Perry	S-2	12-1	8-25	Miss.	Be.	799	--	1	808	O-Pool		
1819	6480 EL 12480 NL	Newton	Twp. 1st Q. L-1	10-20	9-20	Miss.	Be.	697	--	2	720	O-Pool		

Schedule I

Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1820	Old well abandoned Same as P-708													
1821	Permit to plug													
1822	990 EL 330 NL	SE	Fallsbury	S-12	10-22	10-5	Sil.	2957	--	40	3021	O-Pool		
1823	600 SL 200 WL	NE	Perry	S-2	10-6	9-20	Miss.	706	--	2	719	O-Pool		
1824	Permit to plug													
1825	500 WL 156 SL		Hopewell	L-3 2nd Q	1-12-61	10-31	Sil.	3052	--	40	3101	O-Pool		
1826	Active													
1827	400 SL 920 WL	NW	Fallsbury	S-10	11-17	11-4	Sil.	3056	--	140	3109	O-Pool		
1828	Active													
1829	700 SL 0 NL	NE	Fallsbury	S-22	2-9-61	11-12	Sil.	2985	--	8	3053	O-Pool		
1830	330 NL 330 EL	NW	Fallsbury	S-22	--	10-1960	Sil.	2893	--	--	2950	D-Pool		
1831	456 EL 900 NL	SE	Fallsbury	S-9	11-17	10-25	Sil.	3030	--	70	3102	O-Pool		
1832	Old well abandoned													
1833	Active													
1834	400 EL 720 SL	SE	Perry	S-24	12-14	11-21	Sil.	2791	--	70	2845	O-Pool		
1835	Old well abandoned													
1836	Completed 1961													
1837	Active													
1838	Completed 1961													
1839	Old well abandoned													
1840	Permit to plug													
1841	540 WL 1300 SL	SW	Perry	S-23	1-12-61	12-30	Sil.	2823	--	80	2869	O-Pool		
	TOTAL LICKING COUNTY	1-GAS			40-OIL		10-DRY	2202-MCF		2246-BO		116,259	FEET	52 TOTAL WELLS
	LORAIN COUNTY													
None	Waterflood		Penfield	L-45	12-14									
781	Completed 1959		Eaton	L-15	3-10									
782	1520 SL 2100 EL	SE	Carlisle	S-21	2-24	2-16	Sil.	2208	--	--	2241	D-Pool		
783	Old well abandoned													
784	Old well abandoned													
785	Old well abandoned													
786	Active													
787	Old well abandoned													
788	Old well abandoned													
789	Old well abandoned													
790	Old well abandoned													
791	Old well abandoned													
792	Old well abandoned													
793	Active													
794	1150 EL 701 SL		Henrietta	L-8 3rd Q	1961	11-14	Pc.	4574	--	--	4590	D-WC	U	
	TOTAL LORAIN COUNTY	0-GAS			0-OIL		2-DRY	0-MCF		0-BO		6,831	FEET	2 TOTAL WELLS
	LUCAS COUNTY													
30	625 EL 208 SL	SE	Monclova	S-29	3-24	2-15	Ord.	1387	--	--	1459	D-WC	T	SO
31	Old well abandoned													
32	Old well abandoned													

Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
33 34	Old well abandoned 780 SL 950 EL SE	Adams	S-8	9-22	9-14	Ord.	Tren.	1367	100	10	1378	O-WC	R	Disc. Nasby
	TOTAL LUCAS COUNTY	0-GAS		1-OIL		1-DRY		100-MCF		10-BO		2837 FEET		2 TOTAL WELLS
	MAHONING COUNTY													
119	997 EL 408 SL SW	Goshen	S-14	12-1	10-25	Miss.	Be.	570	25	--	580	G-Pool		
120	Old well abandoned													
121	600 NL 720 EL NW	Smith	S-4	12-29	10-31	Sil.	Cl.	4880	5916	--	4966	G-WC	U	Disc. N.Benton
	TOTAL MAHONING COUNTY	2-GAS		0-OIL		0-DRY		5941-MCF		0-BO		5546 FEET		2 TOTAL WELLS
	MEDINA COUNTY													
None	Baldwin WF	Chatham	--	2-12										
None	Baldwin WF	Chatham	--	2-12										
1208	Completed 1959	Granger	L-11	2-24										
1209	Completed 1959													
1210	Completed 1959	Montville	L-106	1-14										
1211	Completed 1959													
1212	Completed 1959													
1213	Completed 1959													
1214	Completed 1959	Hinkley	L-70	1-28										
1215	Completed 1959													
1216	Completed 1959													
1217	Storage													
1218	Completed 1959													
1219	Completed 1959	Lafayette	--	4-7										
1220	Completed 1959	Westfield	--	2-12										
1221	725 SL 1050 EL	Montville	L-105 1st Q.	4-7	2-24	Sil.	Cl.	3428	--	--	3551	D-Ext.	U	20 MCF 4 BO Cl.
1222	Old well abandoned													
1223	Old well abandoned													
1224-1	700 SL 1050 WL	Westfield	L-23 2nd Q.	1-28	2-5	Miss.	Be.	597	380	--	606	G-Pool		
1225	Completed 1959													
1226	Completed 1959													
1227	Completed 1959													
1228	Storage													
1229-1	400 WL 690 SL	Chatham	L-4 Tr. 2	2-24	1-12	Miss.	Be.	492	--	--	512	D-Ext.	U	
1230	700 WL 240 NL	Montville	L-68 1st Q.	4-21	2-8	Sil.	Cl.	3179	--	--	3238	D-Ext.	U	
1231	Waterflood													
1232	Waterflood													
1233	Waterflood													
1234	Waterflood													
1235	Waterflood													
1236	494 SL 273 EL	Chatham	L-16 Tr. 16	--	9-30	Miss.	Be.	412	--	2	430	O-Pool		
1237	400 SL 1400 EL	Chatham	L-2 Tr. 18	6-29	3-5	Miss.	Be.	489	--	12	575	O-Pool		

1960 SUMMARY OF OIL AND GAS ACTIVITY

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Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1276 1277	Active 1320 WL 1700 SL	Westfield	L-49 4th Q.	10-6	9-7	Sil.	Cl.	3134	380	--	3405	G-Pool		
1278 1279 1280	Active Active 1286 WL 880 NL	Granger	L-11 1st Q.	1-12-61	11-12	Sil.	Cl.	3580	--	30	3625	O-Pool		
1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291	Active Old well abandoned Storage Active Active 350 EL 1460 SL Active Active Active Active Active	Westfield	L-29	12-29	11-22	Sil.	Cl.	3029	462	--	3142	G-Pool		
	TOTAL MEDINA COUNTY	17-GAS		6-OIL		10-DRY		20,332-MCF		146-BO		82,577	FEET	33 TOTAL WELLS
	MEIGS COUNTY													
1297 None 1302 None 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326	6584 WL 100 SL -- Completed 1959 -- 2557 NL 1122 WL Completed 1959 Completed 1959 Completed 1959 1947 SL 245 WL 1400 WL 800 SL Completed 1959 2021 WL 297 NL Completed 1959 483 NL 1518 EL 40 SL 740 WL 965 WL 611 SL 321 WL 104 NL 251 WL 83 NL Active 442 EL 165 SL Active 2054 NL 809 WL 2500 EL 550 NL	NW SW SW NW S ₂ NW SE SW NE NW NE	Salisbury Salem Salisbury Salisbury Salem Salem Chester Salem Rutland Salisbury Salisbury Salem Salem Salem Salem Salem Salem Salem Salisbury	L-307 -- L-303 -- S-1 S-24S 11-W S-7 S-25 Fr.18 Fr.12 S-30S S-24S S-24N S-26 S-13 S-31	10-20 7-14 4-7 2-24 1-28 -- 2-12 2-12 1-14 3-10 2-12 5-19 5-6 4-21 5-19 5-19 8-11 9-8	8-27 -- -- -- 2-4 1-5 1-15 2-6 1-16 2-12 5-6 3-31 5-5 5-20 7-12 8-23	Pa. -- -- -- Pa. Pa. Sil. Pa. Pa. Miss. Pa. Pa. Pa. Pa. Pa. Pa. Pa. Miss.	Mit. -- -- -- Mxb. Mxb. Cl. Mxb. Mxb. 2nd Be. Pk.? Mxb. Mxb. Mxb. Mxb. 2nd Be.	247 -- -- -- 828 690 4671 873 377 730 661 680 660 825 1526	-- -- -- -- -- 467 -- -- -- -- -- 1 -- -- -- -- -- 133	-- --			

1960 SUMMARY OF OIL AND GAS ACTIVITY

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Schedule 1
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
MORGAN COUNTY														
949	Completed 1958	Homer	S-18	2-24										
?	Trans-E #3 Mahan	Bristol	S-4	5-5										
942	Completed 1959	Homer	S-2	6-29										
955	Completed 1959	Malta	S-25	2-24										
956	Completed 1959													
957	Completed 1959													
958	Completed 1959													
959	Completed 1959													
960	Completed 1959													
961	820 NL 942 EL	SE Malta	S-29S	3-24	1-18	Pa.	CR	325	--	--	340	D-Pool		
962	Completed 1959													
963	Completed 1959													
964-3	Completed 1959	Homer	S-2	5-19										
964-4	Completed 1959	Homer	S-2	5-19										
964-5	Completed 1959	Homer	S-2	6-2										
965	Completed 1959													
966	Completed 1959													
967	Completed 1959													
968	Completed 1959													
969	Completed 1959													
970	596 WL 260 SL	SW Marion	S-5	3-24	2-20	Miss.	Inj.	1015	--	--	1160	D-Pool	--	SG
971	1110 EL 330 NL	SE York	S-32	5-5	3-28	Miss.	Be.	1327	--	10	1350	O-Pool		
972	1075 EL 990 NL	SE York	S-32	6-2	5-12	Miss.	Be.	1307	--	3	1330	O-Pool		
973	556 EL 540 SL	SW Homer	S-7	6-16	1960	Pa.	2nd CR	710	534	--	726	G-Pool		
974	400 SL 930 WL	NW Bristol	S-4	7-14	4-7	Sil.	Cl.	4578	363	--	4607	G-WC	Sub.	Disc. Rowland
975	200 EL 120 SL	NW Homer	S-2	6-29	6-13	Pa.	CR	50	--	1	77	O-Pool		
976	330 NL 330 EL	SE York	S-32	9-22	9-22	Miss.	Be.	1317	--	20	1337	O-Pool		
977	526 NL 393 EL	SW Homer	S-7	7-14	6-23	Miss.	2nd Be.	1574	240	--	1590	G-Pool		
978	1685 SL 1109 WL	NW Malta	S-25E	6-29	6-17	Pa.	CR	323	--	--	345	D-Pool		
979	70 SL 900 EL	NW Homer	S-2	--	8-29	Pa.	CR	140	--	--	145	D-Pool	--	SO
980	1067 WL 1738 SL	NW Malta	S-25	8-11	7-25	Pa.	2nd CR	331	--	--	345	D-Pool		
981	1563 SL 1092 WL	NW Malta	S-25E	9-8	8-12	Pa.	2nd CR	327	--	--	350	D-Pool		
982	954 SL 822 EL	SW Bristol	S-4	10-6	9-9	Sil.	Or.	3178	--	--	3500	D-Ext.	Sub.	
983	2634 EL 1200 NL	NE Morgan	S-24	9-22	9-7	Miss.	2nd Be.	1529	375	--	1554	G-Pool		
984	535 WL 140 SL	NW Morgan	S-2	9-8	8-22	Pa.	CR	362	--	--	382	D-Pool		
985	1173 SL 141 EL	SE Penn	S-34	10-20	10-8	Pa.	Pk.	367	--	--	404	D-Pool	--	SO
986	1050 EL 1050 SL	SE Bloom	S-8	11-3	10-14	Sil.	Cl.	4364	2000	--	4468	G-Pool		
987	100 SL 100 EL	NE Union	S-26	11-3	9-20	Pa.	Pk.	165	--	--	169	D-Ext.	U	
988	Cancelled location													
989	862 NL 202 EL	SW Union	S-15	--	10-20	Pa.	Pk.	91	--	--	107	D-Pool	--	SSO
990	1347 SL 1100 EL	SW York	S-33	--	11-28	Miss.	Be.	1328	--	8	1346	O-Pool		
991	498 NL 407 WL	SW York	S-21	12-29	12-9	Miss.	Be.	1400	5	5	1439	O-Pool		
TOTAL MORGAN COUNTY														
		5-GAS		6-OIL		11-DRY		3517-MCF		47-BO		27,071	FEET	22 TOTAL WELLS
MORROW COUNTY														
3	Completed 1959	Bennington	S-22	1-28										
4	330 SL 330 WL	NE Bennington	S-21	4-7	3-28	Camb.	Tp1.	3700	--	--	3878	D-Ext.	T	HFW Tp1.
5	660 SL 660 EL	Bennington	L-36	5-5	4-23	Camb.	Tp1.	3492	--	--	3574	D-Out.		1500' W. Tp1.
6	Active													
7	635 SL 910 WL	SW Bennington	S-21	8-25	8-10	Camb.	Tp1.	3648	--	--	3774	D-Ext.	R	SO Tp1.
8	600 WL 330 SL	Westfield	L-14	12-14	12-8	Camb.	Tp1.	2678	--	--	2700	D-WC	R	

Schedule 1
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
9	2580 SL 3560 WL	Peru	Twp.	12-14	11-1960	Sil.	Nbg.	NR	--	--	700	D-WC	R	
	TOTAL MORROW COUNTY	0-GAS		0-01L		5-DRY		0-MCF		0-BO		14,626	FEET	5 TOTAL WELLS
	MUSKINGUM COUNTY													
None?	Same as P-1665	Monroe	S-11	1-26-61										
1636	Completed 1959	Perry	S-4	1-14										
1637	Completed 1959													
1638	Completed 1959													
1639	Completed 1959	Hopewell	S-3	1-14										
1640	1320 NL 1390 WL	NW Union	S-13	1-28	1-12	Sil.	C1.	4536	657	--	4672	G-Pool		
1641	600 WL 260 SL	NW Monroe	S-11	2-24	1-13	Miss.	Be.	984	32	--	1030	G-Ext.	Sur.	
1642	990 EL 1100 NL	NW Hopewell	S-3N	1-28	1-15	Sil.	C1.	3281	--	--	3350	D-Pool	--	Or. SO&W
1643	975 SL 150 EL	NW Salt Creek	S-4	2-12	1-28	Sil.	C1.	3990	--	--	4116	D-Ext.	R	
1644	764 WL 525 NL	SE Highland	S-25	3-24	3-19	Sil.	C1.	4411	196	6	4478	O-Pool		
1645	6130 WL 1688 WL	Falls	Twp.	4-7	3-1	Sil.	C1.	3465	--	--	3544	D-Ext.	U	GSO&G
			3rd Q.											
1646	425 WL 900 NL	NE Hopewell	S-4S	3-24	3-10	Sil.	C1.	3308	--	--	3401	D-Pool		
1647	400 NL 400 WL	SE Hopewell	S-3	5-19	4-5	Sil.	C1.	3271	--	300	3340	O-Pool		
1648	580 NL 550 WL	NE Perry	S-19	4-7	4-6	Sil.	C1.	4288	--	--	4425	D-Ext.	Sub.	
1649	750 SL 750 WL	Falls	L-5	5-5	4-15	Sil.	C1.	3541	2056	--	3581	G-Out.	T	
			1st Q.											
1650	330 NL 330 EL	NW Newton	S-18	7-14	4-30	Sil.	C1.	3269	346	8	3310	O-Pool		
1651	651 WL 330 SL	NE Hopewell	S-4N	5-19	5-1960	Sil.	C1.	3273	--	--	3351	D-Ext.	R	
1652	4240 EL 4930 SL	Perry	3rd Q.	6-16	1960	Sil.	C1.	4066	200	5	4214	O-Pool		
1653	600 NL 345 WL	NW Hopewell	S-20	6-16	5-18	Sil.	C1.	3503	324	--	3568	G-Pool		
1654	395 WL 1280 NL	SE Hopewell	S-3N	6-29	6-3	Sil.	C1.	3249	--	524	3313	O-Pool		
1655	600 WL 355 SL	Falls	L-14	6-16	5-31	Sil.	C1.	3565	--	--	3697	D-WC	T	SG
			3rd Q.											
1656	1620 WL 310 NL	NE Hopewell	S-7N	6-29	6-7	Sil.	C1.	3217	--	90	3285	O-Pool		
1657	1320 EL 1320 NL	SW Perry	S-4	8-25	7-7	Sil.	C1.	4140	650	--	4266	G-Pool		
1658	1462 NL 150 WL	NE Newton	S-18	8-11	6-21	Sil.	C1.	3291	--	250	3325	O-Pool		
1659	330 NL 920 WL	SW Hopewell	S-8N	7-14	6-29	Sil.	C1.	3149	--	--	3218	D-Pool		
1660	800 WL 800 NL	Falls	L-6	8-11	7-13	Sil.	C1.	3525	--	--	3641	D-Ext.	U	
			1st Q.											
1661	330 NL 1090 EL	SW Hopewell	S-11N	7-14	6-23	Sil.	C1.	3457	591	--	3535	G-Ext.	R	
1662	1271 SL 660 EL	Falls	L-4	8-11	7-27	Sil.	C1.	3512	--	--	3633	D-Pool		
			1st Q.											
1663	915 WL 175 SL	SE Salt Creek	S-36	9-22	8-14	Sil.	C1.	4526	1000	--	4575	G-Pool		
1664	1176 NL 1239 WL	SE Hopewell	S-3N	9-8	8-2	Sil.	C1.	3226	--	392	3292	O-Pool		
1665	765 SL 350 EL	NW Monroe	S-11	11-3	11-1960	Miss.	Be.	1176	--	2	1236	O-Pool		
1666	840 SL 420 WL	SW Hopewell	S-3	9-8	8-9	Sil.	C1.	3295	197	60	3351	O-Pool		
1667	660 NL 660 WL	SE Hopewell	S-12N	8-25	8-2	Sil.	C1.	3459	--	--	3569	D-Pool		
1668	50 SL 50 WL	NE Newton	S-18	1-26-61	10-16	Sil.	C1.	3407	2000	--	3469	G-Pool		
1669	644 EL 535 SL	NE Hopewell	S-5	10-6	9-14	Sil.	C1.	3294	250	10	3395	O-Pool		
1670	2683 EL 6060 SL	Perry	3rd Q.	11-3	10-11	Sil.	C1.	3959	8320	--	4001	G-Pool		
1671	1270 EL 595 SL	SE Hopewell	S-3N	10-6	9-17	Sil.	C1.	3223	--	--	3299	D-Pool	--	SG
1672	1320 NL 330 WL	SE Newton	S-18	1-26-61	10-1	Sil.	C1.	3293	178	10	3357	O-Pool		
1673	850 SL 541 EL	Hopewell	L-25	11-3	11-4	Sil.	C1.	3222	--	--	3293	D-Pool	--	GSG
1674	1500 SL 400 EL	SE Hopewell	S-3	12-1	11-1960	Sil.	C1.	3306	--	150	3371	O-Pool		
1675	375 NL 570 WL	NW Meigs	S-6	1-26-61	12-10	Sil.	C1.	4530	3000	--	4562	G-Pool		
1676	660 WL 225 NL	NE Hopewell	S-20	12-1	10-29	Sil.	C1.	3473	522	--	3530	G-Pool		
1677	1300 SL 1300 EL	SW Hopewell	S-17	11-17	11-5	Sil.	C1.	3091	250	80	3177	O-Ext.	T	
1678	5560 EL 5640 NL	Perry	Twp.	12-29	11-23	Sil.	C1.	4002	126	--	4123	G-Pool		
			3rd Q.											

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
	PERRY COUNTY													
2020	See P-2044	Pike	S-27	1-28										
	See P-2052	Clayton	S-19	5-19										
2038	914 WL 583 NL	NW Monroe	S-23	2-12	2-1	Miss.	Be.	1185	--	4	1223	O-Pool		
	1805 SL 300 EL	SW Pike	S-30	5-5	4-24	Sil.	Cl.	3220	3100	--	3232	G-WC	R	Disc. Dixie Pool
2039	Completed 1959													
2040	Completed 1959	Reading	S-16	3-10										
2041	Completed 1959													
2042	Completed 1959													
2043	Completed 1959	Clayton	S-33	1-14										
2044	330 WL 1200 SL	NW Pike	S-27	2-12	1-25	Sil.	Cl.	3398	--	--	3437	D-Pool	--	SO&G
2045	660 NL 660 WL	SE Pleasant	S-1	4-7	3-13	Sil.	Cl.	3614	1210	--	3657	G-Ext.	U	Disc.?
2046	Completed 1959	Madison	S-17	2-12										
2047	330 SL 330 EL	SE Reading	S-17	2-24	1-22	Sil.	Cl.	2930	100	75	3000	O-Pool		
2048	1077 NL 1017 WL	NE Madison	S-33	3-10	1-13	Sil.	Cl.	3226	30	35	3293	O-Pool		
2049	Cancelled location													
2050	560 NL 555 EL	SE Pike	S-22	6-16	5-10	Sil.	Cl.	3484	--	160	3513	O-Pool		
2051	990 SL 980 EL	SE Pike	S-22	4-21	3-10	Sil.	Cl.	3388	300	60	3420	O-Pool		
2052	530 SL 130 EL	SW Clayton	S-19	4-7	3-28	Miss.	Be.	985	--	--	1006	D-Pool	--	SO&G
2053	1075 WL 700 NL	SE Hopewell	S-1	4-7	3-22	Sil.	Cl.	2936	--	--	3006	D-Pool		
2054	400 EL 460 SL	NE Reading	S-17	4-7	2-23	Sil.	Cl.	2988	800	50	3014	O-Pool		
2055	350 NL 1060 EL	SE Madison	S-18	3-24	2-20	Sil.	Cl.	3180	--	--	3263	D-Pool		
2056	704 NL 340 EL	SE Clayton	S-4	4-7	2-29	Sil.	Cl.	3335	50	20	3388	O-Pool		
2057	1243 EL 350 NL	NE Reading	S-20	6-2	4-2	Sil.	Cl.	2930	150	40	2970	O-Pool		
2058	983 SL 700 WL	NW Pike	S-15	4-7	3-28	Sil.	Cl.	3312	--	--	3351	D-Ext.	T	
2059	815 NL 600 WL	SW Pike	S-2	5-5	4-21	Sil.	Cl.	3345	--	--	3460	D-WC	R	
2060	1010 SL 582 EL	NE Clayton	S-21	5-5	4-18	Sil.	Cl.	3318	--	--	3372	D-Pool		
2061	1360 EL 400 SL	NE Reading	S-17	6-16	5-2	Sil.	Cl.	3036	500	75	3044	O-Pool		
2062	990 NL 990 EL	SE Reading	S-17	6-16	5-17	Sil.	Cl.	2969	50	75	3013	O-Pool		
2063	720 WL 360 SL	NW Pike	S-20	5-19	4-28	Sil.	Cl.	3246	300	10	3315	O-Ext.	U	
2064	350 NL 440 WL	SW Pleasant	S-30	5-5	5-5	Sil.	Cl.	3568	--	--	3726	D-Ext.	U	
2065	Active													
2066	505 EL 600 SL	NE Reading	S-17	5-19	5-7	Miss.	Be.	860	--	--	940	D-Pool		
2067	800 WL 370 SL	SW Madison	S-27	6-16	6-26	Sil.	Cl.	3360	200	130	3453	O-Pool		
2068	600 WL 675 NL	SW Clayton	S-32	7-14	6-21	Sil.	Cl.	3203	--	75	3271	O-Pool		
2069	412 WL 1148 SL	NE Madison	S-33	9-8	8-20	Sil.	Cl.	3340	3380	5	3403	G-Pool		
2070	600 EL 1400 SL	NE Clayton	S-32	8-11	7-20	Sil.	Cl.	3246	1900	--	3334	G-Ext.	T	
2071	660 SL 375 EL	NW Pleasant	S-1	6-29	6-16	Sil.	Cl.	3604	--	--	3682	D-Ext.	T	
2072	330 NL 550 WL	SE Pike	S-30	7-28	6-17	Sil.	Cl.	3322	1900	--	3347	G-Pool		
2073	1000 WL 792 SL	NE Pike	S-30	7-14	6-21	Sil.	Cl.	3297	3500	2	3329	G-Ext.	T	
2074	990 SL 330 EL	SW Pike	S-30	8-11	6-15	Sil.	Cl.	3201	25	5	3266	O-Pool		
2075	83 SL 118 EL	NW Pike	S-30	11-3	10-20	Sil.	Cl.	3273	4980	--	3323	G-Pool	--	PBTD 3306
2076	557 SL 325 EL	NE Reading	S-17	6-29	5-25	Miss.	Be.	876	300	--	920	G-Pool		
2077	200 SL 270 EL	NW Hopewell	S-12	9-8	7-31	Sil.	Cl.	2880	--	75	2916	O-Pool		
2078	403 EL 1420 SL	NW Reading	S-7	8-11	7-20	Sil.	Cl.	2928	--	--	2996	D-Pool		
2079	1060 NL 330 WL	SW Reading	S-21	9-8	8-1960	Sil.	Cl.	2933	20	18	2965	O-Pool		
2080	1276 NL 858 EL	NW Pike	S-30	12-29	1960	Sil.	Cl.	3280	200	10	3311	O-Pool		
2081	616 NL 880 WL	SE Pike	S-20	9-8	8-22	Sil.	Cl.	3308	70	40	3350	O-Pool		
2082	920 NL 330 WL	SW Pike	S-21	9-22	9-1	Sil.	Cl.	3370	139	50	3402	O-Pool		
2083	1280 SL 330 EL	NE Reading	S-17	9-22	1960	Sil.	Cl.	3002	704	--	3046	G-Pool		
2084	1815 SL 295 WL	SE Clayton	S-16	8-25	8-8	Sil.	Cl.	3335	700	50	3393	O-Pool		
2086	432 EL 715 NL	NE Reading	S-20	9-8	8-22	Sil.	Cl.	2850	250	25	2900	O-Pool		
2086	925 EL 990 NL	SE Pike	S-30	10-6	9-2	Sil.	Cl.	3304	1200	400	3347	O-Pool		
2087	1469 NL 50 EL	NE Reading	S-9	10-20	1960	Sil.	Cl.	3052	140	1	3100	G-Pool		
2088	660 NL 660 EL	SE Reading	S-10	11-3	1960	Sil.	Cl.	3072	30	10	3115	O-Pool		
2089	650 SL 700 EL	SE Pike	S-19	10-20	9-23	Sil.	Cl.	3168	15	10	3205	O-Pool		
2090	650 NL 590 EL	SW Pike	S-20	11-3	9-12	Sil.	Cl.	3246	700	8	3279	G-Pool		

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
65	727 WL 83 NL	Edinburg	L-3 2nd Q.	1-26-61	9-13	Sil.	Cl.	4370	1810	--	4468	G-Pool		
66	1840 NL 574 EL	Rootstown	L-5	10-20	9-14	Sil.	Cl.	4339	1040	--	4439	G-Ext.	T	
67	1210 WL 1220 SL	Rootstown	L-17	11-17	11-1	Sil.	Cl.	4341	--	--	4445	D-Ext.	U	
68	1320 SL 1150 EL	Freedom	L-79	12-14	10-21	Sil.	Cl.	4322	341	--	4509	G-Out	R	Disc. Freedom
69	849 NL 1129 WL	Edinburg	L-4 2nd Q.	1-26-61	11-16	Sil.	Cl.	4374	500	--	4489	G-Pool		
70	Active													
71	Active													
72	620 SL 1480 EL	Rootstown	L-6	2-23-61	11-24	Sil.	Cl.	4291	700	--	4404	G-Pool		
73	Active													
74	Active													
75	Active													
76	Active	Windham	--	1-26-61										
	TOTAL PORTAGE COUNTY	13-GAS		0-01L		4-DRY		10,968-MCF		5-BO		75,225	FEET	17 TOTAL WELLS
2	PREBLE COUNTY 350 SL 1400 WL SW	Somers	S-25	12-14	11-9	Ord.	Cin.	18	--	--	450	D-WC	R	
	TOTAL PREBLE COUNTY	0-GAS		0-01L		1-DRY		0-MCF		0-BO		450 FEET		1 TOTAL WELLS
	RICHLAND COUNTY													
188	330 NL 990 WL	NE Washington	S-13	2-24	2-18	Sil.	Cl.	2524	--	--	2606	D-Ext.	R	
189	Active													
190	660 WL 60 NL	SE Monroe	S-18	5-5	4-29	Sil.	Cl.	2568	--	--	2672	D-Ext.	U	
191	340 NL 330 EL	SE Washington	S-13	5-5	4-23	Sil.	Cl.	2550	725	--	2560	G-Pool		
192	Storage	Worthington	S-12											
193	1060 EL 438 SL	SE Washington	S-13	8-11	6-19	Sil.	Cl.	2413	368	--	2524	G-Ext.	R	
194	592 NL 656 EL	SW Monroe	S-18	8-25	7-12	Sil.	Cl.	2517	--	--	2534	D-Ext.	U	SG
195	Active													
196	1069 WL 500 SL	SE Cass	S-14	--	10-20	Sil.	Or.	893	--	--	1500	D-Ext.	R	TA
197	340 NL 350 WL	SW Monroe	S-18	10-6	9-12	--	--	--	--	--	--	--	--	Lost hole
198-1A	Not issued													
198-2A	345 NL 350 WL	SW Monroe	S-18	10-20	10-15	Sil.	Cl.	2536	850	--	2565	G-Pool		
199	432 SL 341 EL	NE Washington	S-13	12-29	12-7	Sil.	Cl.	2503	--	--	2680	D-Pool		
200	Active													
	TOTAL RICHLAND COUNTY	3-GAS		0-01L		5-DRY		1,943-MCF		0-BO		19,641	FEET	8 TOTAL WELLS
	SANDUSKY COUNTY													
77	1320 SL 1000 WL NW	Townsend	S-33	12-14	11-17	Pc.	Pc.	3092	--	--	3123	D-WC	U	
	TOTAL SANDUSKY COUNTY	0-GAS		0-01L		1-DRY		0-MCF		0-BO		3,123	FEET	1 TOTAL WELLS

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
	STARK COUNTY													
1027	Completed 1959	Lake	S-16	1-14										
1028	Completed 1959													
1029	Completed 1959													
1030	Old well abandoned													
1031	Completed 1959	Lake	S-15	1-28										
1032	Completed 1959	Lake	S-9	6-16										
1033	Completed 1959	Lawrence	S-36	2-12										
1034	1501 SL 730 WL	SW Lake	S-15	2-12	1-4	Sil.	Cl.	4442	400	--	4564	G-Pool		
1035	642 SL 650 WL	NE Lake	S-17	3-24	1-22	Sil.	Cl.	4370	--	65	4486	O-Ext.	U	
1036	660 SL 660 WL	SW Lake	S-9	5-19	4-15	Sil.	Cl.	4376	2600	--	4479	G-Pool		
1037	950 SL 540 WL	SW Lake	S-17	7-28	5-16	Sil.	Cl.	4341	300	75	4455	O-Ext.	U	
1038	906 WL 1075 SL	SE Lake	S-10	6-16	5-11	Sil.	Cl.	4494	2418	--	4634	G-Pool		
1039	1095 WL 710 SL	SW Lake	S-8	9-22	5-17	Sil.	Cl.	4335	300	30	4461	O-Pool		
1040	660 SL 660 WL	SE Lake	S-17	9-22	6-7	Sil.	Cl.	4414	250	35	4551	O-Pool		
1041	840 WL 525 SL	NE Lake	S-9	12-14	7-25	Sil.	Cl.	4412	100	--	4536	G-Pool		
1042	660 WL 660 SL	NW Lake	S-9	9-22	7-18	Sil.	Cl.	4367	1000	--	4491	G-Pool		
1043	660 WL 660 SL	SW Lake	S-10	9-22	7-22	Sil.	Cl.	4439	4300	--	4353	G-Pool		
1044	660 WL 1140 SL	NW Lake	S-20	9-8	7-4	Sil.	Cl.	4347	1200	--	4475	G-Ext.	U	
1045	1060 SL 625 WL	SW Lake	S-21	10-6	7-29	Sil.	Cl.	4457	1007	--	4606	G-Pool		
1046	760 SL 660 WL	NE Lake	S-18	9-22	7-19	Sil.	Cl.	4308	1700	10	4451	G-Ext.	U	
1047	142 SL 320 WL	NW Lake	S-16	11-3	9-17	Sil.	Cl.	4441	1100	--	4539	G-Pool		
1048	No plat	Lake	S-10	12-14	9-23	Sil.	Cl.	4442	100	--	4559	G-Ext.	Grav.	
1049	610 SL 759 WL	SE Lake	S-8	12-29	1960	Sil.	Cl.	4401	134	--	4498	G-Pool		
1050	1320 SL 1319 WL	SW Lake	S-29	11-17	10-25	Sil.	Cl.	4486	--	--	4605	D-Out.	U	SG
1051	957 NL 1028 EL	SW Pike	S-11	12-14	10-29	Sil.	Cl.	4658	288	--	4738	G-Pool		
1052	1260 EL 1000 SL	NW Lake	S-11	--	12-14	Sil.	Cl.	?	--	--	4613	D-Ext.	Grav.	TA
1053	660 NL 660 EL	NE Lake	S-19	12-29	11-17	Sil.	Cl.	4384	775	--	4480	G-Pool		
1054	775 SL 660 WL	NE Lake	S-10	--	12-1	Sil.	Cl.	4498	--	--	4617	D-Pool		
1055	Active													
1056	Active													
1057	1260 SL 400 WL	NW Lake	S-16	--	12-14	Sil.	Cl.	?	--	--	4236	D-Pool	--	TA
1058	Active													
	TOTAL STARK COUNTY	14-GAS		4-OIL		4-DRY		17,972-MCF		215-BO		99,427	FEET	22 TOTAL WELLS
	SUMMIT COUNTY													
292	OWDD	Bath	--	12-29										
363	Completed 1959	Bath	L-40	2-24										
364	Active													
365	660 EL 800 SL	Tallmadge	L-4	3-10	2-15	Sil.	Cl.	4104	--	--	4185	D-Ext.	U	
			Tr.8											
366	Brine well	Portage	L-10											
			Tr.2											
367	Brine well	Portage	L-10											
			Tr.2											
368	675 NL 500 EL	Bath	L-42	6-16	5-3	Sil.	Cl.	3551	100	20	3670	O-Pool		
369	907 EL 827 NL	Bath	L-39	8-11	7-1	Sil.	Cl.	3459	150	30	3609	O-Pool		
370	Brine well													
371	Brine well													
372	605 EL 105 NL	SW Green	S-13	12-1	10-4	Sil.	Cl.	4240	1166	--	4380	G-Pool		
373	2808 SL 257 WL	Tallmadge	L-1	1-26-61	12-5	Sil.	Cl.	3967	700	--	4097	G-Ext.	U	
			Tr.4											

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
374	Active													
	TOTAL SUMMIT COUNTY	2-GAS		2-01L		1-DRY		2,116-MCF		50-BO		19,941	FEET	5 TOTAL WELLS
	TRUMBULL COUNTY													
12	1000 EL 100 SL	Hartford	L-25	7-14	5-15	Sil.	Cl.	4807	200	2	5025	G-WC	R	Disc. Hartford Pool
13	300 SL 900 WL	Bloomfield	L-148	10-20	7-30	Sil.	Cl.	3852	--	--	4068	D-WC	R	SG
14	660 SL 450 WL	Gustavus	L-77	10-6	8-22	Miss.	Be.	225	--	--	578	D-WC	R	
15	635 SL 450 WK	Gustavus	L-77	--	9-6	Sil.	Cl.	4171	--	--	4359	D-WC	R	
16	500 SL 450 WL	Mesopotamia	L-48	12-1	11-27	Sil.	Cl.	3800	--	--	3994	D-WC	R	SG
17	Active													
	TOTAL TRUMBULL COUNTY	1-GAS		0-01L		4-DRY		200-MCF		2-BO		18,024	FEET	5 TOTAL WELLS
	TUSCARAWAS COUNTY													
725	Completed 1959	Clay	L-11	2-12										
790	Completed 1959													
791	Completed 1959													
792	Completed 1959													
793	Completed 1959													
794	Completed 1959													
795	Completed 1959													
796	Completed 1959													
797	Completed 1959													
798	Lost hole	Fairfield	--	10-6										
799	Completed 1959													
800	Completed 1959	Clay	S/2 Twp. S-13	2-12										
801-5	1060 WL 160 NL	SE	Clay	S-13	1-26-61	7-29	Miss.	Be.	1060	--	10	1127	O-Pool	
802	Completed 1959													
803	Completed 1959													
804	405 NL 610 EL	SW	Rush	S-16	3-10	1-29	Miss.	Be.	1001	--	--	1180	D-Out	R
805	873 NL 664 EL	NW	Franklin	S-23	4-7	1-12	Sil.	Cl.	4309	59	10	4439	O-WC	U
														Disc. West Strasburg
806	Completed 1959													
807	Completed 1959													
808	Completed 1959													
809	757 NL 1172 EL	SE	Clay	S-12	1-14									
810	754 NL 1175 WL	SE	Clay	S-12	1-28	1-1960	Miss.	Be.	1257	100	7	1283	O-Pool	
811	1928 WL 600 SL	SE	Fairfield	S-8	2-12	2-1	Miss.	Be.	1215	200	7	1239	O-Pool	
812	141 WL 15 SL	SE	Washington	L-7	8-25	6-17	Sil.	Cl.	5088	183	--	5193	G-Pool	
813	1069 NL 1080 EL	SE	Clay	S-12	4-7	3-18	Miss.	Be.	1235	36	6	1264	O-Pool	
814	100 NL 100 WL	SW	Clay	S-11	6-2	5-15	Miss.	Be.	1241	--	--	1319	D-Pool	--
815	935 WL 100 SL		Clay	L-8					1178	--	7	1248	O-Pool	GSO&G
816	1285 WL 100 SL		Clay	L-8	6-29	6-25	Miss.	Be.	1193	--	5	1262	O-Pool	
817	361 NL 60 WL	NW	Washington	S-20	5-5	4-18	Miss.	Be.	1255	--	--	1315	D-WC	R
818	176 NL 420 EL	SE	Clay	S-12	4-21	4-17	Miss.	Be.	1251	--	--	1277	D-Pool	
819	1500 NL 60 WL	SW	Clay	S-11	5-19	4-28	Miss.	Be.	1348	--	--	1364	D-Ext.	Sur.
														GSO&G

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Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks	
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD					
820	332 NL 1045 EL	SW	Washington	S-11	6-16	5-26	Miss.	Be.	1233	--	--	1255	D-WC	U	SO&G * Gnadenhutzen Tract
821	150 WL 1700 SL	SE	Oxford	S-22	8-25	6-28	Miss.	Be.	1064	--	--	1140	D-Pool	--	
822	2070 SL 2660 WL		Clay	L-32	6-29	6-15	Miss.	Be.	828	1000	--	854	G-Ext.	U	
				G.T.*											
823	450 SL 550 WL		Clay	L-8	10-20	8-5	Miss.	Be.	1154	--	8	1222	O-Pool		* Gnadenhutzen Tract
				4th Q.											
824	750 SL 550 WL		Clay	L-8	10-20	8-20	Miss.	Be.	1149	--	7	1216	O-Pool		
				4th Q.											
825	700 SL 900 WL		Clay	L-8	10-20	9-18	Miss.	Be.	1051	--	9	1123	O-Pool		* Gnadenhutzen Tract
				4th Q.											
826	2320 SL 1850 WL		Clay	L-32	7-28	7-18	Miss.	Be.	786	786 Est.	--	836	G-Pool	--	
				G.T.*											
827	336 NL 603 WL of SW Cor. Gnadenhutzen Tract		Clay	NW 1/4 S 2 Twp.	8-25	8-5	Miss.	Be.	857	--	--	872	D-Ext.	U	* Gnadenhutzen Tract
828	2480 WL 3610 SL		Clay	L-31	9-8	8-26	Miss.	Be.	839	1250	--	844	G-Ext.	U	
				G.T.*											
829	3680 SL 4050 WL		Clay	L-11	10-6	9-19	Miss.	Be.	787	--	--	856	D-Pool	--	
				G.T.*											* Gnadenhutzen Tract
830	412 SL 469 WL	SE	Fairfield	S-22	12-14	9-13	Sil.	Cl.	5108	245	--	5213	G-Pool		
831	Active														
832	760 SL 1710 WL		Clay	L-33	12-29	12-13	Miss.	Be.	788	--	--	849	D-Pool		
				G.T.*											* Gnadenhutzen Tract
833	Active														
	TOTAL TUSCARAWAS COUNTY	5-GAS			10-OIL		11-DRY		3800-MCF		76-BO		41,051	FEET	26 TOTAL WELLS
	VAN WERT COUNTY														
23	Completed 1959	Jennings	--	5-19											
	TOTAL VAN WERT COUNTY	0-GAS			0-OIL		0-DRY		0-MCF		0-BO		0-FEET		0 TOTAL WELLS
	VINTON COUNTY														
178	425 WL 340 EL	SE	Swan	S-21	2-24	2-6	Sil.	Cl.	2834	3160	--	2842	G-Pool		R
179	Completed 1959		Jackson	S-20	1-28										
180	Completed 1959		Jackson	S-20	1-28										
181	2220 WL 660 NL	SW	Swan	S-22	1-28	1-1960	Sil.	Cl.	2734	6500	--	2741	G-Pool		
182	640 SL 890 EL	SE	Swan	S-15	1-14	1960	Sil.	Cl.	2937	5550	--	2947	G-Pool		
183	1440 NL 1840 EL	NE	Swan	S-17	3-24	3-1960	Sil.	Cl.	2732	--	--	2767	D-Ext.		
184	600 SL 80 WL	SE	Swan	S-15	2-24	1-28	Sil.	Cl.	2722	1550	--	2730	G-Pool		
185	2620 NL 670 EL	SW	Swan	S-15	1-28	1960	Sil.	Cl.	2711	12230	--	2718	G-Pool		
186	660 WL 360 NL	SE	Swan	S-15	1-28	1-5	Sil.	Cl.	2728	23500	--	2738	G-Pool		
187	1320 WL 660 SL	SW	Jackson	S-7	1-28	1-14	Sil.	Cl.	2061	6500	--	2071	G-Pool		
188	660 SL 1320 WL	SW	Swan	S-10	2-24	2-2	Sil.	Cl.	2868	6400	--	2888	G-Pool		
189	1360 SL 600 EL	NE	Jackson	S-7	1-14	1-14	Sil.	Cl.	2100	607	--	2123	G-Pool		
190	Cancelled location														
191	Cancelled location														
191-3	990 EL 660 NL	SE	Jackson	S-15	4-7	3-22	Sil.	Cl.	2780	4160	--	2780	G-Pool		
192	331 NL 331 WL	NW	Swan	S-23	3-24	2-29	Sil.	Cl.	2952	3960	--	2965	G-Pool		
193	710 EL 660 SL	NW	Swan	S-11	3-10	1-24	Sil.	Cl.	2875	--	--	2985	D-Pool		
194	660 NL 660 EL	NW	Swan	S-15	4-7	3-22	Sil.	Cl.	2854	619	--	2903	G-Pool		

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				OOGA	OQS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
195	660 WL 660 SL	SW	Swan	S-14	6-16	5-23	Sil.	C1.	2937	2420	--	2973	G-Pool	
196	660 WL 764 NL	NE	Swan	S-15	4-7	4-24	Sil.	C1.	2850	--	--	2980	D-Pool	
197	Cancelled location													
198	1370 NL 810 EL	SE	Swan	S-3	5-19	4-1	Sil.	C1.	2896	188	20	2933	O-Out.	R
199	815 NL 330 EL	NW	Swan	S-34	6-2	4-15	Sil.	C1.	2912	100	10	2948	O-Pool	--
200	660 NL 1200 EL	SW	Swan	S-10	6-2	4-5	Sil.	C1.	2920	111	--	2971	G-Pool	
201	400 WL 700 NL	NE	Swan	S-23	1-12-61	5-1960	Sil.	C1.	3036	--	--	3080	D-Pool	--
202	660 WL 440 SL	NW	Jackson	S-7	5-5	4-15	Sil.	C1.	2272	1230	--	2293	G-Pool	
203	1240 NL 1100 EL	SW	Swan	S-3	10-6	5-10	Sil.	C1.	2895	200	75	2924	O-Pool	
204	670 WL 330 NL	SW	Swan	S-14	5-19	5-12	Sil.	C1.	2773	6580	--	2795	G-Pool	
205	660 NL 860 WL	NE	Swan	S-14	5-5	4-30	Sil.	C1.	2849	--	--	2891	D-Ext.	R
206	890 SL 350 EL	SE	Swan	S-9	6-16	5-23	Sil.	C1.	2700	--	--	2780	D-Pool	
207	990 NL 480 WL	SE	Swan	S-2	6-16	5-21	Sil.	C1.	2835	3600	60	2872	O-Pool	
208	Cancelled location													
209	Cancelled location													
210	660 SL 660 EL	NE	Swan	S-15	9-8	8-22	Sil.	C1.	2820	4720	--	2855	G-Pool	
211	660 EL 350 NL	NW	Swan	S-10	9-8	8-1960	Sil.	C1.	2929	--	--	3060	D-Pool	
212	950 WL 360 NL	SE	Swan	S-3	7-28	7-5	Sil.	C1.	2851	3340	--	2955	G-Pool	
213	Cancelled location													
214	1200 NL 560 WL	NW	Jackson	S-18	8-25	6-30	Sil.	C1.	2042	272	--	2058	G-Ext.	U
215	440 NL 980 EL	NW	Swan	S-23	7-28	7-3	Sil.	C1.	2954	2500	--	2984	G-Pool	
216	970 SL 880 EL	SE	Swan	S-22	1-12-61	8-1960	Sil.	C1.	2866	--	--	2866	D-Pool	--
217	1709 EL 330 SL	SE	Madison	S-36	10-6	9-10	Miss.	Be.	933	1000	35	942	O-Pool	
218	120 WL 800 SL	SW	Madison	S-30	11-3	11-1960	Miss.	Be.	919	--	6	923	O-Pool	
219	1928 EL 335 SL	SE	Madison	S-36	9-22	8-8	Miss.	Be.	947	--	25	953	O-Ext.	R
220	Cancelled location													
221	Active													
222	2290 EL 320 WL	NE	Jackson	S-27	8-11	7-21	Sil.	C1.	2352	247	--	2389	G-Ext.	T
223	676 NL 2640 EL		Jackson	S-18	12-1	8-17	Sil.	C1.	2304	1000	--	2322	G-Pool	
224	990 SL 990 WL	NE	Swan	S-34	9-22	9-10	Sil.	C1.	2944	200	--	2961	G-Pool	
225	912 EL 756 NL	SE	Swan	S-14	1-12-61	9-7	Sil.	C1.	2944	15000	--	2957	G-Pool	
226	1420 SL 630 EL	SE	Eagle	S-12	12-29	9-28	Sil.	C1.	2143	41	--	2182	G-Pool	
227	550 NL 1980 WL	SW	Elk	S-4	12-29	10-30	Sil.	C1.	2792	--	--	2858	D-Ext.	T
228	1470 EL 138 NL	NE	Madison	S-35	10-20	9-14	Miss.	Be.	951	--	10	961	O-Pool	
229	1300 WL 376 NL	NW	Madison	S-35	10-20	9-23	Miss.	Be.	1059	400	6	1108	O-Pool	
230	2518 EL 495 SL	SE	Madison	S-36	11-17	10-9	Miss.	Be.	969	500	15	976	O-Pool	
231	330 SL 330 EL	NW	Swan	S-14	11-3	10-12	Sil.	C1.	2839	1040	--	2879	G-Pool	
232	321 EL 270 SL	SE	Madison	S-36	12-29	10-5	Miss.	Be.	921	--	12	930	O-Pool	
233	Cancelled location													
234	Cancelled location													
235	Cancelled location													
236	1194 NL 153 WL	NW	Madison	S-29	11-17	9-28	Miss.	Be.	890	200	60	894	O-Pool	
237	Cancelled location													
238	400 EL 60 NL	NE	Madison	S-35	12-29	12-1960	Miss.	Be.	936	--	12	941	O-Pool	
239	Active													
240	832 EL 448 NL	NE	Madison	S-35	12-14	8-27	Miss.	Be.	943	--	15	948	O-Pool	
241	Cancelled location													
242	2105 NL 374 EL	NW	Swan	S-2	12-29	11-8	Sil.	C1.	2813	--	--	2850	D-Pool	
243	Active													
244	1678 WL 1075 NL	NW	Eagle	S-25	12-1	10-13	Sil.	C1.	2307	--	23	2335	O-Pool	
245	Old well abandoned													
246	350 SL 142 EL	SE	Madison	S-36	12-14	11-11	Miss.	Be.	925	--	25	931	O-Pool	
247	680 NL 695 WL	SW	Swan	S-13	12-29	11-5	Sil.	C1.	2944	7110	--	2956	G-Pool	
248	373 EL 100 SL	Madison		S-36	12-14	11-8	Miss.	Be.	1018	--	15	1025	O-Pool	
249	2310 NL 660 WL	SE	Elk	S-18	12-1	11-18	Sil.	C1.	No sand	--	--	2725	D-Ext.	R
250	1808 SL 1100 WL	NE	Jackson	S-30	12-14	11-25	Sil.	C1.	2423	151	--	2464	G-Ext.	Sub.
251	Active													
252	Active													
253	Active													
254	1320 EL 810 SL	SW	Elk	S-19	--	12-1960	Sil.	C1.	2750	91	10	2784	O-Pool	

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
255	Active													
	TOTAL VINTON COUNTY	28-GAS		18-OIL		11-DRY		126,977-MCF		434-BO		135,610	FEET	57 TOTAL WELLS
	WARREN COUNTY													
7	127 WL 90 SL	NW	Clear Creek	S-4	6-2	4-28	Camb.	2700	--	--	2933	D-WC	Sub.	
8	1975 SE 350 NE		Washington	L-1523 1st Q.	6-2	5-23	Camb.	2600	--	--	2945	D-WC	Sub.	
	TOTAL WARREN COUNTY	0-GAS		0-OIL		2-DRY		0-MCF		0-BO		5,878	FEET	2 TOTAL WELLS
	WASHINGTON COUNTY													
None	See P-2374		Salem	L-58	9-22									
2259	OWDD P-331-A-5		Lawrence	S-4	12-1									
	Completed 1959		Barlow	S-5	1-28									
2331	1261 WL 1261 SL	SW	Lawrence	S-23	7-28	7-28	Pa.	1220	--	--	1230	D-Pool		
2350	1023 EL 257 NL		Fearing	L-136 1st Q.	2-24	1-1960	Pa.	633	--	--	650	D-Pool		
2359	880 WL 268 NL	NW	Palmer	S-8	4-7	3-10	Miss.	1598	--	--	1620	D-Pool		
2372	1570 NL 798 WL	NE	Newport	S-30E	5-19	4-27	Pa.	1577	56	2	1666	O-Pool		
2374	700 WL 400 SL		Salem	L-58 4th Q.	8-11	7-16	Pa.	362	--	--	400	D-Pool		
2375	Completed 1959													
2376	Completed 1959													
2377	Completed 1959													
2378	Completed 1959													
2379	Completed 1959		Watertown	L-790	1-14									
2380	Completed 1959													
2381	Completed 1961		Salem	1-26-61 12-1										
2382	912 NL 460 EL	NE	Ludlow	S-20	5-5	6-1	Miss.	1305	--	--	1355	D-Pool		
2383	Completed 1959		Muskingum	--	6-2									
2384	Old well abandoned													
2385	729 WL 1190 NL	NW	Barlow	S-14	2-12	1-20	Miss.	1877	160	--	1911	G-Pool		
2386	2045 NL 337 EL	NE	Newport	S-10	2-12	1-26	Pa.	248	--	--	287	D-Pool		
2387	885 WL on SL		Salem	L-33 4th Q.	5-5	4-12	Pa.	249	--	--	300	D-Pool		
2388	1180 WL 60 NL		Salem	L-41 4th Q.	5-19	4-8	Pa.	465	--	1	710	O-Pool		
2389	Old well abandoned													
2390	350 NL 1247 EL	NE	Ludlow	S-8	8-25	8-1960	Miss.	1330	--	10	1379	O-Pool		
2391	Waterflood		Newport	--	4-7									
2392	935 SL 1150 WL	NW	Ludlow	S-16	6-2	1960	Miss.	1595	--	3	1634	O-Pool		
2393	Old well abandoned													
2394	440 NL 2060 EL		Salem	L-39 4th Q.	5-19	5-5	Pa.	379	--	--	409	D-Pool	--	SO&G
2395	861 SL 580 WL	SE	Lawrence	S-24	7-28	7-25	Miss.	1010	61	--	1040	G-Pool		
2396	Old well abandoned													
2397	Old well abandoned													
2398	720 WL 262 NL	NW	Independence	S-2	5-19	5-8	Pa.	1343	--	25	1405	O-Pool		
2399	1050 EL 60 SL		Palmer	L-108	6-29	6-10	Pa.	631	--	1	642	O-Pool		

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
2400	160 SL 1880 EL	Fearing	L-103 2nd Q.	6-29	6-15	Pa.	CR	325	--	3	377	O-Pool		
2401	932 SL 150 EL	SW Lawrence	S-24	6-29	6-17	Pa.	CR	555	--	3	585	O-Pool		
2402	1540 WL 673 NL	NW Ludlow	S-2	8-25	8-4	Miss.	Ke.	1395	--	50	1460	O-Pool		
2403	50 SL 150 EL	Muskingum	L-16*	7-14	6-28	Pa.	CR	688	--	20	726	O-Pool	--	*New Years Creek Allot.
2404	Old well abandoned													
2405	Old well abandoned													
2406	Old well abandoned													
2407	Old well abandoned													
2408	242 NL 598 WL	SW Newport	S-4	7-14	6-30	Pa.	2nd, CR	786	--	--	794	D-Pool		
2409	980 NL 576 EL	NE Liberty	S-17	6-16	6-11	Pa.	Mxb.	875	440	--	936	G-Pool		
2410	1539 SL 1641 WL	SW Ludlow	S-3	10-6	8-23	Miss.	Inj.	1368	--	20	1454	O-Pool		
2411	1259 WL 428 NL	NE Newport	S-35E	6-29	6-17	Pa.	QR	196	--	1	215	O-Pool		
2412	Old well abandoned													
2413	Old well abandoned													
2414	Old well abandoned													
2415	600 SL 406 WL	SE Liberty	S-8	10-6	9-1960	Miss.	Ke.	1146	--	2	1160	O-Pool		
2416	1156 SL 894 EL	NE Liberty	S-17	8-11	7-28	Miss.	Be.	1998	--	--	2060	D-Pool		
2417	Old well abandoned													
2418	Old well abandoned													
2419	1770 EL 265 NL	Fearing	L-100 2nd Q.	11-3	10-11	Pa.	Mxb.	723	--	--	748	D-Pool		
2420	40 NL 4020 EL	Muskingum	L-1*	12-1	11-11	Pa.	Mxb.	850	--	--	875	D-Pool	--	*Rainbow Allot.
2421	Old well abandoned													
2422	188 WL 1040 SL	SW Liberty	S-12	9-8	8-31	Pa.	Max.	940	--	--	1065	D-Pool		
2423	Old well abandoned													
2424	Old well abandoned													
2425	Old well abandoned													
2426	1015 SL 155 WL	SE Lawrence	S-24	9-8	8-31	Pa.	CR	No sand	--	--	532	D-Pool		
2427	955 NL 922 EL	NE Newport	S-10	9-8	8-25	Pa.	CR	No sand	--	--	392	D-Pool	--	SO
2428	Old well abandoned													
2429	560 NL 1041 WL	NE Newport	S-35E	9-22	8-20	Pa.	Mit.	193	--	--	227	D-Pool		
2430	Active													
2431	459 WL 256 NL	NW Independence	S-2	9-8	7-17	Miss.	Inj.	1437	--	--	1459	D-Pool		
2432	212 NL 190 WL	SW Newport	S-15	9-22	9-1	Pa.	CR	502	--	1	575	O-Pool		
2433	Old well abandoned													
2434	Old well abandoned													
2435	Old well abandoned													
2436	Old well abandoned													
2437	Old well abandoned													
2438	Old well abandoned													
2439	760 NL 950 EL	SE Ludlow	S-16	9-8	8-23	Pa.	CR	738	--	--	778	D-Pool		
2440	283 NL 418 WL	NW Liberty	S-11	11-3	10-14	Miss.	Be.	2090	--	--	2110	D-Pool		
2441	Old well abandoned													
2442	384 NL 81 EL	Salem	L-35 4th Q.	12-14	10-12	Miss.	Inj.	1030	--	--	1040	D-Ext.	R	HFW
2443	Active													
2444	820 WL 646 SL	SE Liberty	S-22	10-20	10-12	Miss.	Ke.	1400	--	2	1416	O-Pool		
2445-1	1277 WL 821 NL	Ludlow	S-2	10-20	11-29	Miss.	Ke.	1417	--	8	1465	O-Pool		
2445-2	1297 WL 961 NL	Ludlow	S-2	12-14	11-1960	Miss.	Sq.	1588	--	--	1625	D-Pool		
2446	Old well abandoned													
2447	Permit to plug													
2448	Active													
2449	520 NL 300 EL	NE Ludlow	S-25	12-14	12-31	Miss.	Sq.	1530	40	2	1585	O-Pool		
2450	26 EL 91 SL	Adams	L-15	12-1	11-12	Miss.	Be.	1620	--	3	1640	O-Ext.	R	
2451	730 SL 2340 EL	Newport	S-15	12-1	11-9	Pa.	CR	420	--	6	457	O-Pool		
2452	Old well abandoned													
2453	Old well abandoned													

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				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
993	Completed 1959		Milton	S-34	1-14									
994	330 NL 940 WL	NE	Canaan	S-33	2-12	2-4	Sil.	Cl.	3278	619	--	3377	G-Pool	
995	Completed 1959													
996	Completed 1959													
997	Completed 1959													
998	Completed 1959		Green	S-7	3-24									
999	Completed 1959		Canaan	S-36	2-12									
1000	Completed 1959													
1001	Completed 1959													
1002	Completed 1959													
1003	Completed 1959		Congress	S-24	9-8									
1004	Completed 1959													
1005	Completed 1959		Canaan	S-3	1-14									
1006	Completed 1959		Congress	S-36E	1-14									
1007	666 WL 440 NL	NW	Canaan	S-27	3-10	1-26	Sil.	Cl.	3273	1200	10	3340	G-Pool	
1008	Completed 1959		Canaan	S-29	1-14									
1009	Completed 1959		Canaan	S-3	3-10									
1010	Completed 1959		Plain	S-36E	1-14									
1011	1200 SL 900 WL	NW	Green	S-7	2-24	1-13	Sil.	Cl.	3476	223	--	3554	G-Pool	
1012	400 SL 460 EL	NW	Wooster	S-31	3-24	1-1960	Sil.	Cl.	3139	197	--	3279	G-Pool	
1013	400 NL 400 EL	SW	Chester	S-26	4-7	3-21	Sil.	Cl.	3155	--	--	3267	D-Pool	-- SG
1014	Completed 1959		Franklin	S-7	1-14									
1015	Old well abandoned													
1016	Old well abandoned													
1017	Completed 1959		Canaan	S-16	3-24									
1018	Completed 1959													
1019	Cancelled location													
1020	Completed 1959													
1021	250 NL 1280 WL	SE	Plain	S-36E	3-24	2-11	Sil.	Cl.	3061	--	--	3138	D-Pool	-- GSG
1022	Active													
1023	1000 SL 1240 EL	SE	Chester	S-36E	--	3-20	Sil.	Cl.	3257	103	10	3327	O-Pool	
1024	760 NL 350 EL	SW	Milton	S-18	1-28	1-6	Sil.	Cl.	3228	--	--	3388	D-Pool	
1025	330 SL 309 WL	SE	Congress	S-25E	1-28	1-14	Sil.	Cl.	3127	--	50	3163	O-Pool	-- SG
1026	Completed 1959													
1027	Completed 1959													
1028	1040 WL 700 SL	SW	Green	S-7	1-28	1-14	Sil.	Cl.	3439	1390	--	3545	G-Pool	
1029	910 SL 500 WL	NW	Wooster	S-7	12-1	1-7	Sil.	Cl.	3176	--	2	3262	O-Pool	
1030	1125 SL 1580 EL	SE	Congress	S-26	3-24	2-25	Sil.	Cl.	3078	312	--	3142	G-Pool	
1031	330 SL 330 EL	NW	Congress	S-36E	3-10	1960	Sil.	Cl.	3046	126	40	3134	O-Pool	
1032	Old well abandoned													
1033	910 SL 393 WL	SW	Congress	S-25	6-2	1-11	Sil.	Cl.	2967	111	--	3046	G-Pool	
1034	1275 SL 820 WL	SE	Plain	S-12E	2-24	1-23	Sil.	Cl.	3293	150	85	3397	O-Pool	
1035	330 NL 600 EL	NE	Canaan	S-33	5-19	4-13	Sil.	Cl.	3285	2500	10	3366	G-Pool	
1036	1400 NL 403 EL	NW	Franklin	S-3	12-29	11-19	Sil.	Cl.	3476	50	70	3550	O-Pool	
1037	609 EL 330 SL	NE	Plain	S-12E	3-10	2-16	Sil.	Cl.	3237	3620	--	3290	G-Pool	
1038	660 NL 520 WL	SE	Canaan	S-29	3-24	2-22	Sil.	Cl.	3232	--	20	3325	O-Pool	
1039	100 NL 1080 WL	SW	Wooster	S-31	2-12	1-12	Sil.	Cl.	3158	250	150	3204	O-Pool	
1040	240 NL 550 EL	NW	Franklin	S-7	3-10	2-10	Sil.	Cl.	3101	--	--	3188	D-Ext.	R GSG
1041	700 WL 330 SL	NW	Canaan	S-29	4-7	2-29	Sil.	Cl.	3218	489	40	3317	O-Pool	
1042	700 WL 330 SL	SE	Canaan	S-21	3-10	1-22	Sil.	Cl.	3263	--	50	3329	O-Pool	
1043	Old well abandoned													
1044	Old well abandoned													
1045	Old well abandoned													
1046	Old well abandoned													
1047	Old well abandoned													
1048	900 SL 400 WL	NW	Wooster	S-31	4-21	2-19	Sil.	Cl.	3074	145	30	3174	O-Pool	
1049	100 SL 1250 WL	NW	Green	S-21	6-2	2-18	Sil.	Cl.	3530	150	--	3640	G-Ext.	R
1050	1460 EL 865 SL	NE	Plain	S-36E	4-21	3-3	Sil.	Cl.	3094	351	40	3157	O-Pool	
1051	Cancelled location		--	--	6-2									

Schedule 1
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1052	OWDD Active													
1053	660 SL 660 EL	NW	Milton	S-34	7-28	5-6	Sil.	Cl.	3455	66	--	3565	G-Pool	
1054	Cancelled location													
1055	600 WL 360 NL	NE	Canaan	S-35	4-7	4-1960	Sil.	Cl.	3377	--	25	3449	O-Pool	
1056	660 EL 660 SL	NW	Canaan	S-17	8-25	7-30	Sil.	Nbg.	2785	310	--	2967	G-SP-WC	--
														Disc. Canaan Nbg.
1057	Cancelled location		Canaan	--	12-1									
1058	Cancelled location		Canaan	--	12-1									
1059	500 WL 880 NL	NW	Green	S-28	3-10	2-20	Miss.	Wier	320	--	--	386	D-SP-WC	R
1060	710 WL 1040 NL	SW	Canaan	S-27	9-8	5-9	Sil.	Cl.	3309	575	15	3376	O-Pool	
1061	Active													
1062	980 WL 300 SL	NE	Plain	S-12E	3-10	2-19	Sil.	Cl.	3235	700	--	3302	G-Pool	
1063	750 EL 335 SL	SW	Canaan	S-21	--	3-3	Sil.	Cl.	3253	103	30	3323	O-Pool	
1064	1150 NL 970 WL	SW	Wayne	S-30	4-21	3-19	Sil.	Cl.	2999	330	--	3090	G-Ext.	R
1065	330 NL 330 WL	SE	Wooster	S-31	5-19	4-16	Sil.	Cl.	3125	330	--	3291	G-Pool	
1066	Active		Wooster	S-31	11-17									
1067	715 NL 780 WL	SE	Wooster	S-7	5-5	3-21	Sil.	Cl.	3071	3260	--	3239	G-Pool	
1068	1320 EL 330 SL	NW	Plain	S-36E	6-16	5-9	Sil.	Cl.	3036	--	50	3102	O-Pool	
1069	1980 EL 330 SL	NW	Plain	S-36E	8-25	11-15	Sil.	Cl.	3018	--	60	3111	O-Pool	
1070	2000 EL 990 SL	NW	Plain	S-36E	12-1	7-5	Sil.	Cl.	3025	--	600	3088	O-Pool	
1071	1200 NL 170 EL	NE	Chester	S-1E	6-16	5-23	Sil.	Cl.	3242	138	55	3324	O-Pool	
1072	520 NL 330 WL	SW	Canaan	S-16	9-22	8-20	Sil.	Cl.	3199	111	10	3229	O-Pool	
1073	660 NL 660 WL	NW	Plain	S-13E	6-29	5-2	Sil.	Cl.	3322	692	--	3332	G-Pool	
1074	1160 NL 276 EL	SE	Clinton	S-2	6-2	4-28	Sil.	Cl.	3150	351	--	3265	G-Pool	
1075	330 WL 95 NL	SW	Canaan	S-28	5-19	4-20	Sil.	Cl.	3277	536	5	3318	G-Pool	
1076	920 SL 400 EL	SW	Canaan	S-23	7-14	5-29	Sil.	Cl.	3270	579	30	3357	O-Pool	
1077	600 EL 330 NL	NE	Canaan	S-26	10-6	1960	Sil.	Cl.	3322	157	20	3390	O-Pool	
1078	500 SL 585 EL	SW	Canaan	S-25	6-16	2-8	Sil.	Cl.	3358	--	20	3443	O-Pool	
1079	1000 WL 660 NL	NW	Green	S-18	6-2	5-20	Miss.	Be.	670	481	--	690	G-SP-WC	Sur.
														Disc. Smithville Be.
1080	1052 EL 400 SL	NE	Sugar Creek	S-21	7-14	6-9	Dev.	Or.	2495	--	--	2600	D-Ext.	T
1081	900 NL 500 WL	SW	Plain	S-13W	5-19	4-19	Miss.	Be.	545	66	1	613	O-Pool	
1082	100 EL 1270 SL	NW	Canaan	S-3	--	4-20	Sil.	Cl.	3030	---	--	3070	D-Pool	
1083	Old well abandoned													
1084	450 NL 500 EL	SE	Canaan	S-3	7-14	6-3	Sil.	Cl.	3106	680	--	3341	G-Pool	
1085	1200 WL 510 SL	NE	Congress	S-19	11-3	6-24	Sil.	Cl.	2953	--	--	3012	D-Pool	
1086	900 WL 500 SL	NE	Canaan	S-29	6-16	6-9	Sil.	Cl.	3244	--	--	3316	D-Pool	
1087	500 SL 440 EL	SW	Franklin	S-22	6-29	5-19	Miss.	Be.	829	--	--	860	D-SP-WC	R
1088	990 SL 260 WL	NE	Canaan	S-33	7-28	7-7	Sil.	Cl.	3304	1580	40	3403	O-Pool	
1089	330 SL 900 EL	NW	Clinton	S-1	7-28	6-21	Sil.	Cl.	3124	--	--	3194	D-Pool	
1090	Active													
1091	394 WL 380 NL	NE	Congress	S-36E	7-14	6-14	Sil.	Cl.	3082	297	20	3115	O-Pool	
1092	1730 WL 25 NL	NW	Wooster	S-31	8-25	5-20	Sil.	Cl.	3191	--	20	3208	O-Pool	
1093	See P-1092		Milton	S-18	6-29									
1093-2A	450 EL 230 SL	SE	Milton	S-18	9-8	8-27	Sil.	Cl.	3268	178	75	3363	O-Pool	
1094	1255 WL 450 NL	NW	Canaan	S-36	12-29	8-13	Camb.	Tpl.	5700	419	--	5713	G-DP-WC	Sub.
														Disc. Canaan Tpl.
1095	1200 WL 660 NL	NW	Green	S-18	6-16	7-14	Sil.	Cl.	3452	1560	--	3557	G-Pool	
1096	660 EL 330 NL	SW	Plain	S-36E	10-20	8-27	Sil.	Cl.	3025	3250	40	3122	O-Pool	
1097	1200 WL 450 SL	NW	Canaan	S-21	8-11	7-6	Sil.	Cl.	3160	300	20	3241	O-Pool	
1098	800 EL 830 NL	NW	Canaan	S-3	8-11	7-21	Sil.	Cl.	3056	400	180	3098	O-Pool	
1099	Old well abandoned													
1100	800 NL 200 EL	SE	Wooster	S-12	3-9-61	11-4	Sil.	Cl.	3345	10	25	3467	O-Pool	
1101	1600 EL 1480 SL	NE	Congress	S-1W	8-25	7-18	Sil.	Cl.	2936	1500	--	3030	G-Pool	
1102	435 NL 330 WL	SW	Canaan	S-29	8-25	7-16	Sil.	Cl.	3260	160	162	3378	O-Pool	
1103	1320 WL 100 NL	NW	Plain	S-8	8-25	7-16	Sil.	Cl.	3072	105	--	3179	G-Pool	
1104	330 NL 200 WL	NE	Wayne	S-10	12-29	12-29	Sil.	Cl.	3371	876	3	3483	G-Pool	
1105	500 EL 500 SL	NW	Wayne	S-2	12-1	11-16	Camb.	EC	5868	--	--	5943	D-Ext.	U
1106	330 EL 990 NL	SW	Congress	S-36E	12-1	11-1960	Sil.	Nbg.	2776	230	--	2860	G-Pool	

Schedule 1
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
1107	330 NL 990 WL	NE	Canaan	S-20	9-8	8-13	Sil.	C1.	3166	230	5	3260	O-Pool	
1108	500 NL 1210 EL	SW	Franklin	S-3	10-6	7-3	Sil.	C1.	3544	237	50	3596	O-Pool	
1109	Active													
1110	1380 NL 720 EL	NE	Canaan	S-21	11-3	10-7	Sil.	C1.	3179	145	20	3258	O-Pool	
1111	715 EL 940 NL	NW	Canaan	S-29	10-20	8-15	Sil.	C1.	3205	88	50	3306	O-Pool	
1112	1200 SL 850 EL	SW	Green	S-5	10-20	9-14	Sil.	C1.	3425	297	--	3567	G-Pool	
1113	Cancelled location													
1114	910 NL 643 EL	SW	Plain	S-5	10-20	9-7	Sil.	C1.	3104	943	--	3160	G-Pool	
1115	355 SL 430 EL	NW	Franklin	S-3	1-26-61	9-9	Sil.	C1.	3514	--	130	3583	O-Pool	
1116	500 NL 500 EL	SW	Franklin	S-3	10-20	7-24	Sil.	C1.	3531	40	170	3597	O-Pool	
1117	Old well abandoned													
1118	Lost tools													
1119	Active		Franklin	8-25										
1120	330 WL 40 NL	NE	Canaan	S-21	9-8	8-13	Sil.	C1.	3161	564	5	3225	O-Pool	
1121	685 NL 660 WL	NE	Green	S-18	12-1	10-14	Sil.	C1.	3459	87	--	3571	G-Pool	
1122	1650 NL 400 WL	SE	Canaan	S-23	11-17	10-24	Sil.	C1.	3293	--	--	3380	D-Pool	
1123	450 NL 350 WL	NW	Canaan	S-10	12-1	9-1	Sil.	C1.	3090	--	10	3185	O-Pool	
1124	458 EL 410 NL	NW	Canaan	S-5	10-6	8-28	Sil.	C1.	2862	147	60	2900	O-Pool	
1125	Active													
1126	Brine well		Milton	S-11										
1127	Brine well		Milton	S-11										
1128	330 SL 660 WL	SE	Milton	S-18	11-3	10-11	Sil.	C1.	3248	119	72	3365	O-Pool	
1129	400 NL 400 EL	NE	Canaan	S-3	12-14	10-5	Sil.	C1.	3070	50	6	3135	O-Pool	
1130	290 EL 150 SL	SW	Canaan	S-23	11-3	11-1960	Sil.	C1.	3316	438	10	3371	O-Pool	
1131	350 WL 350 SL	SW	Canaan	S-23	12-29	1960	Sil.	C1.	3242	619	25	3359	O-Pool	
1132	2360 WL 1780 SL	SW	Canaan	S-23	1-26-61	12-15	Sil.	C1.	3281	168	12	3372	O-Pool	
1133	675 SL 1800 WL	SW	Milton	S-7	12-29	11-25	Camb.	Tpl.	5480	--	--	5637	D-Pool	
1134	400 WL 970 NL	NW	Canaan	S-2	12-1	10-25	Sil.	C1.	3080	--	--	3150	D-Pool	
1135	1500 SL 350 WL	SW	Congress	S-12E	11-3	10-22	Sil.	Nbg.	2872	265	50	2900	O-Pool	
1136	825 NL 775 WL	SE	Chester	S-8	12-14	11-19	Sil.	Nbg.	2869	--	--	2918	D-Pool	
1137	Active													
1138	Active													
1139	500 SL 660 WL	NE	Milton	S-34	12-1	11-3	Sil.	C1.	3488	--	--	3656	D-Pool	
1140	300 WL 880 SL	SW	Congress	S-1W	12-29	11-14	Miss.	Be.	No sand	--	--	630	D-Pool	
1141	330 SL 300 EL	SW	Canaan	S-14	12-1	11-17	Sil.	C1.	3241	--	--	3291	D-Pool	
1142	Active													
1143	Active													
1144	690 WL 1040 NL	SE	Congress	S-1W	12-1	11-7	Sil.	C1.	2934	987	20	3050	O-Pool	
1145	330 SL 330 EL	SW	Chester	S-26	12-1	10-15	Miss.	Be.	658	--	--	800	D-Pool	
1146	350 SL 100 EL	NE	Congress	S-14	12-29	12-1	Sil.	Nbg.	2733	181	30	2927	O-Pool	
1147	330 SL 750 WL	NW	Congress	S-13E	12-29	12-2	Sil.	C1.	3114	--	20	3160	O-Pool	
1148	660 SL 663 EL	NE	Franklin	S-33	1-12-61	12-14	Sil.	C1.	3301	--	15	3364	O-Pool	
1149	660 NL 780 WL	SE	Franklin	S-33	1-12-61	12-14	Sil.	C1.	3240	--	10	3310	O-Pool	
1150	1100 NL 509 WL	SE	Plain	S-5	1-12-61	12-24	Sil.	C1.	3143	5120	--	3154	G-Pool	
1151	500 WL 980 SL	SW	Green	S-8	1-12-61	12-28	Sil.	C1.	3414	--	--	3510	D-Pool	
1152	1350 EL 440 NL	SW	Congress	S-13E	12-14	11-21	Sil.	Nbg.	2794	500	--	2844	G-Pool	
1153	650 NL 660 EL	SW	E. Union	S-23	12-29	12-17	Sil.	C1.	3734	--	--	3882	D-Out.	
1154	Old well abandoned													
1155	Active													
1156	Active													
1157	Active													
1158	Active													
1159	Active													
1160	Active													
1161	Active													
1162	Active													
1163	Active													
TOTAL WAYNE COUNTY				32-GAS	56-OIL	24-DRY		42,342-MCF	3134-BO		357,744 FEET	112 TOTAL WELLS		

Schedule I
Oil and Gas Wells Completed in Ohio During 1960, by County and Permit Number

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
157 158 158 159 160	WYANDOT COUNTY Completed 1959 Cancelled location 810 EL 275 NL Old well abandoned Old well abandoned	Tymochtee SW Tymochtee	S-33 S-22	1-28 11-17	9-6	Ord.	Tr.	1346	50	--	1426	G-Pool		
	TOTAL WYANDOT COUNTY	1-GAS		0-OIL		0-DRY		50-MCF		0-BO		1,426	FEET	1 TOTAL WELLS
	TOTAL OIL AND GAS WELLS COMPLETED	250-GAS		434-OIL		321-DRY		442,466-MCF		19,875-BO		2,458,150	FEET	1005 TOTAL WELLS

Schedule II
Oil and Gas Wells Reported Drilled Deeper in Ohio During 1960, by County

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks
				OOGA	OGS	OTD	Formation	New Footage	OF-MCF	BOPD				
93 None	ASHTABULA COUNTY 300 NL 150 WL Not located	Geneva Monroe	L-37 L-36	11-3 10-6	10-5 --	631 1422	OS Cl.	134 1994	5 --	-- --	765 3416	G-Pool D-WC	--	Domestic
1343 733	ATHENS COUNTY Not located Not located	Alexander Canaan	S-7 S-13	11-17 --	10-27 1-4	470 448	2nd Be. 2nd Be.	1000 960	40 5	1 --	1470 1408	O-Pool G-Pool	--	PB 1386
965-A4	COLUMBIANA COUNTY Not located	West	S-2	--	1-1960	750	2nd Be.	50	12	--	800	G-Pool		
1305	MEIGS COUNTY 1035 NL 720 WL	NW Rutland	S-25	--	8-2	657	Max.	235	--	--	892	D-DP-WC		
544-A2	MONROE COUNTY 725 WL 400 NL	NW Wayne	S-36	--	2-25	1301	Be.	512	--	2	1813	O-Pool		
292	SUMMIT COUNTY 640 NL 550 EL	Bath	L-21	12-29	1-3-61	3643	Tp1.	2458	--	--	6101	D-DP-WC		
331-A5 331-A6	WASHINGTON COUNTY 150 EL 625 NL 160 EL 260 NL	NE Lawrence NE Lawrence	S-4 S-4	12-1 --	11-15 8-19	1132? 1140	2nd CR 2nd CR	135 153	-- --	2 10	1267 1293	O-Pool O-Pool		
TOTAL O & G WELLS DRILLED DEEPER 3-GAS				4-OIL		3-DRY		7631 FEET		62-MCF		15-BO		10 TOTAL WELLS

Schedule III
Waterflood Wells Reported Completed in Ohio During 1960, by County

File No.	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
ASHLAND COUNTY														
WF 7	418 NL 776 EL	SE	Perry	S-4	--	--	--	Be.	--	--	755			
WF 7	743 EL 415 NL	SE	Perry	S-4	--	--	--	Be.	--	--	750			
WF 3	162 WL 847 SL	NE	Perry	S-17	--	--	--	Be.	--	--	773			
WF 3	Not located		Perry	S-17	--	--	--	Be.	--	--	766			
WF 3	1686 NL 320 WL	SE	Perry	S-17	--	--	--	Be.	--	--	778			
WF 6	720 NL 1020 WL	SW	Perry	S-26	--	--	--	Be.	--	--	660			
WF 6	Not located		Perry	S-26	--	--	--	Be.	--	--	669			
WF 6	390 EL 520 NL	SW	Perry	S-26	--	--	--	Be.	--	--	602			
WF 6	1055 NL 415 EL	SW	Perry	S-26	--	--	--	Be.	--	--	650			
WF 6	Not located		Perry	S-26	--	--	--	Be.	--	--	727			
WF 6	Not located		Perry	S-26	--	--	--	Be.	--	--	614			
WF 6	530 EL 1010 NL	SW	Perry	S-26	--	--	--	Be.	--	--	610	--	--	P-1779
WF 6	1200 NL 1020 EL	SW	Perry	S-26	--	--	--	Be.	--	--	606	--	--	P-1789
WF 6	780 NL 780 EL	SW	Perry	S-26	--	--	--	Be.	--	--	635	--	--	P-1777
LORAIN COUNTY														
WF 2	100 NL 145 WL	Penfield	L-45	--	--	--	--	Be.	--	--	257			
MEDINA COUNTY														
WF	Not located		Chatham	L-2	--	--	--	2nd Be.	--	--	484			
WF 54	Not located		Chatham	NR	--	--	--	Be.	--	--	381	--	--	WI
WF 54	Not located		Chatham	NR	--	--	--	Be.	--	--	405	--	--	WI
WF	1617 EL 500 NL	S½	Chatham	L-2	--	--	--	Be.	--	--	475			
WF 54	Not located		Chatham	Tr.16	--	--	--	Be.	--	--	402			
WF 54	Not located		Chatham	L-3	--	--	--	Be.	--	--	403			
WF 54	Not located		Chatham	Tr.10	--	--	--	Be.	--	--	380			
WF 54	Not located		Chatham	L-3	--	--	--	Be.	--	--	378			
WF 54	Not located		Chatham	Tr.10	--	--	--	Be.	--	--	418			
WF 54	Not located		Chatham	L-3	--	--	--	Be.	--	--	380			
WF 54	Not located		Chatham	Tr.10	--	--	--	Be.	--	--	380			
WF 54	Not located		Chatham	L-3	--	--	--	Be.	--	--	422	--	--	Abd. 7-6-60
WF	2724 EL 200 NL	S½	Chatham	Tr.5	--	--	--	Be.	--	--	496			
WF 55	310 NL 0 WL		Chatham	L-2	--	--	--	Be.	--	--	590			
WF 55	1036 NL 5 WL		Chatham	Tr.16	--	--	--	Be.	--	--	517			
WF 55	313 NL 2148 WL		Chatham	L-5	--	--	--	Be.	--	--	555	--	--	Abd. 8-23-60
WF 55	656 NL 310 WL		Chatham	Tr.17	--	--	--	Be.	--	--	627			
WF 55	656 NL 590 WL		Chatham	L-5	--	--	--	Be.	--	--	565			

Schedule III
Waterflood Wells Reported Completed in Ohio During 1960, by County

File No.	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
WF 55	656 NL 930 WL	Chatham	L-5	--	--	--	Be.	--	--	--	543			
WF 55	656 NL 255 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	539	--	--	Abd. 8-24-60
WF 55	2465 WL 610 NL	Chatham	L-5	--	--	--	Be.	--	--	--	597			
WF 55	1085 WL 484 NL	Chatham	Tr.17	--	--	--	Be.	--	--	--	536	--	--	Abd. 8-19-60
WF 55	910 WL 5 NL	Chatham	L-5	--	--	--	Be.	--	--	--	553	--	--	Abd. 8-29-60
WF 55	150 WL 125 NL	Chatham	Tr.17	--	--	--	Be.	--	--	--	214	--	--	OTD 423-NTD 637
WF 55	656 NL 5 WL	Chatham	L-5	--	--	--	Be.	--	--	--	523			
WF 55	Not located	Chatham	Tr.17	--	--	--	Be.	--	--	--	553			
WF 55	1385 WL 472 NL	Chatham	L-5	--	--	--	Be.	--	--	--	507			
WF 55	1800 WL 5 NL	Chatham	Tr.17	--	--	--	Be.	--	--	--	579			
WF 55	1710 WL 461 NL	Chatham	L-5	--	--	--	Be.	--	--	--	552			
WF 55	2026 WL 296 NL	Chatham	Tr.17	--	--	--	Be.	--	--	--	557			
WF 55	5 NL 5 WL	Chatham	L-5	--	--	--	Be.	--	--	--	595			
WF 55	250 SL 590 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	527			
WF 55	280 SL 310 WL	Chatham	L-6	--	--	--	Be.	--	--	--	543			
WF 55	Not located	Chatham	Tr.17	--	--	--	Be.	--	--	--	537			
WF 55	310 NL 1240 WL	Chatham	L-5	--	--	--	Be.	--	--	--	519			
WF 55	310 NL 1805 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	597			
WF 55	310 NL 590 WL	Chatham	L-5	--	--	--	Be.	--	--	--	589			
WF 55	Not located	Chatham	Tr.17	--	--	--	Be.	--	--	--	542			
WF 55	495 NL 755 WL	Chatham	L-5	--	--	--	Be.	--	--	--	531			
WF 55	310 NL 310 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	574			
WF 55	495 NL 155 WL	Chatham	L-5	--	--	--	Be.	--	--	--	633			
WF 55	310 NL 1490 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	611			
WF 55	306 NL 901 WL	Chatham	L-5	--	--	--	Be.	--	--	--	539			
WF 55	474 NL 455 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	573			
WF 55	Not located	Chatham	L-6	--	--	--	Be.	--	--	--	540			
WF 55	1714 WL 295 SL	Chatham	Tr.17	--	--	--	Be.	--	--	--	556			
WF 55	Not located	Chatham	L-6	--	--	--	Be.	--	--	--	531			
			Tr.17											

Schedule III
Waterflood Wells Reported Completed in Ohio During 1960, by County

File No.	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OO&A	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
WF 55	Not located	Chatham	L-6	--	--	--	Be.	--	--	--	550			
WF 55	120 SL 827 WL	Chatham	Tr.17	--	--	--	Be.	--	--	--	524			
WF 55	1864 WL 450 SL	Chatham	L-6	--	--	--	Be.	--	--	--	549			
WF 39	1200 SL 800 EL	Chatham	Tr.17	--	--	--	Be.	--	--	--	374	--	--	Abd. 4-18-60
WF 39	210 SL 600 EL	Chatham	L-10	--	--	--	Be.	--	--	--	409			
WF	1080 SL 76 EL	Chatham	Tr.16	--	--	--	Be.	--	--	--	450	--	--	P-1179-12
WF	1360 SL 160 EL	Chatham	L-19	--	--	--	Be.	--	--	--	435	--	--	P-1179-13
TOTAL WATERFLOOD WELLS							69 WELLS				37,191	FEET		

Schedule IV
Wells Reported Drilled for Repressuring in Ohio During 1960, by County

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks	
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD					
	MONROE COUNTY														
1552-7	1880 WL 1320 NL	SW	Center	S-20S	--	--	--	Ke.	--	--	--	1,492	--	--	PBTD 1547
1552-8	2150 WL 1978 NL	SW	Center	S-20S	--	--	--	Ke.	--	--	--	1,565			
1550	1010 NL 1125 WL	SW	Center	S-20S	--	--	--	Ke.	--	--	--	1,570			
1547	2011 SL 702 EL	SE	Center	S-26S	--	--	--	Ke.	--	--	--	1,465			
1548	1323 SL 1304 EL	SE	Center	S-26S	--	--	--	Ke.	--	--	--	1,453			
1161	1090 EL 208 SL	NE	Center	S-31	--	--	--	BR	--	--	--	384			
1162	1672 EL 582 SL	NE	Center	S-31	--	--	--	BR	--	--	--	401			
	NOBLE COUNTY														
1164	860 NL 679 EL	SE	Enoch	S-31N	--	--	--	2nd CR	--	--	--	430			
1165	121 NL 1060 WL	SE	Enoch	S-31N	--	--	--	1st CR	--	--	--	318			
	WASHINGTON COUNTY														
2391	692 EL 713 NL	NE	Newport	S-35E	--	--	--	Mit.	--	--	--	187			
TOTAL WELLS DRILLED FOR REPRESSURING								10 WELLS				9,265 FEET			

Schedule V
Wells Reported Drilled for Brine in Ohio During 1960, by County

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
	LAKE COUNTY													
82	450 WL 200 NL	Painesville	L-50	--	--	--	Tym.	--	--	--	2,317			
80	80 WL 950 SL	Painesville	Tr.4	--	--	--	Tym.	--	--	--	2,530			
81	285 EL 1080 NL	Painesville	L-57	--	--	--	Tym.	--	--	--	2,550			
			Tr.4											
			L-56											
			Tr.4											
	SUMMIT COUNTY													
366	844 WL 250 SL	Coventry	L-10	--	--	--	Tym.	--	--	--	3,153			
	of 39.96 ac. farm		Tr.2											
367	800 EL 394 NL	Coventry	L-10	--	--	--	Tym.	--	--	--	3,119			
	of 39.96 ac. farm		Tr.2											
371	324 NL 20 EL	Coventry	L-10	--	--	--	Tym.	--	--	--	2,918			
	of 39.96 ac. farm		Tr.2											
370	780 EL 280 SL	Coventry	L-10	--	--	--	Tym.	--	--	--	2,926			
	of 24.03 ac. farm		Tr.2											
	WAYNE COUNTY													
1126	234 SL 100 WL	SW Milton	S-11	--	--	--	Tym.	--	--	--	2,581			
1127	260 SL 1100 WL	SW Milton	S-11	--	--	--	Tym.	--	--	--	2,563			
TOTAL WELLS DRILLED FOR BRINE														
							9 WELLS				24,657	FEET		

Schedule VI
Wells Reported Drilled for Liquid Petroleum Storage in Ohio During 1960, by County

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classi- fication	Reason	Remarks
				OOGA	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
389	CUYAHOGA COUNTY 4421 Bradley Rd.	Cleveland	--	--	--	--	Tym.	--	--	--	1,843			
None	STARK COUNTY 850 NL 200 EL	NE Canton	S-19	--	--	--	Cl.	--	--	--	4,218			
None	850 NL 100 EL	NE Canton	S-19	--	--	--	Tym.	--	--	--	3,461			
TOTAL WELLS DRILLED FOR L.P. STORAGE							3 WELLS				9,522 FEET			

Schedule VII
Oil and Gas Wells Reported Reworked in Ohio During 1960, by County

Permit	Location	Township	Land Div.	1960 Date Comp.		Deepest Zone Drilled			Initial Gauge		Total Depth (Ft)	Classification	Reason	Remarks
				OO&A	OGS	System	Formation	Depth (Ft)	OF-MCF	BOPD				
27	ASHTABULA COUNTY 2280 WL 2100 SL	Kingsville	L-32	--	8-9	Sil.	Cl.	2916	178	--	3058	G-WC	--	TA 4-1958
1328	COSHOCTON COUNTY 1310 NL 640 EL	Keene	L-14	--	10-1960	Sil.	Cl.	3755	379	--	3839	G-Ext.	--	D&A 7-1959
1259	KNOX COUNTY 1560 WL 330 NL	Harrison	L-25	--	8-1960	Sil.	Cl.	2633	--	20	2697	O-Pool	--	D&A 1-1959
1793	LICKING COUNTY 330 NL 330 WL NW	Hopewell	S-2	--	4-1960	Sil.	Cl.	2877	--	--	2933	D-Pool	--	Comp. 1954
TOTAL WELLS REWORKED		2-GAS		1-OIL		1-DRY		557-MCF		20-BO				4 TOTAL WELLS

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